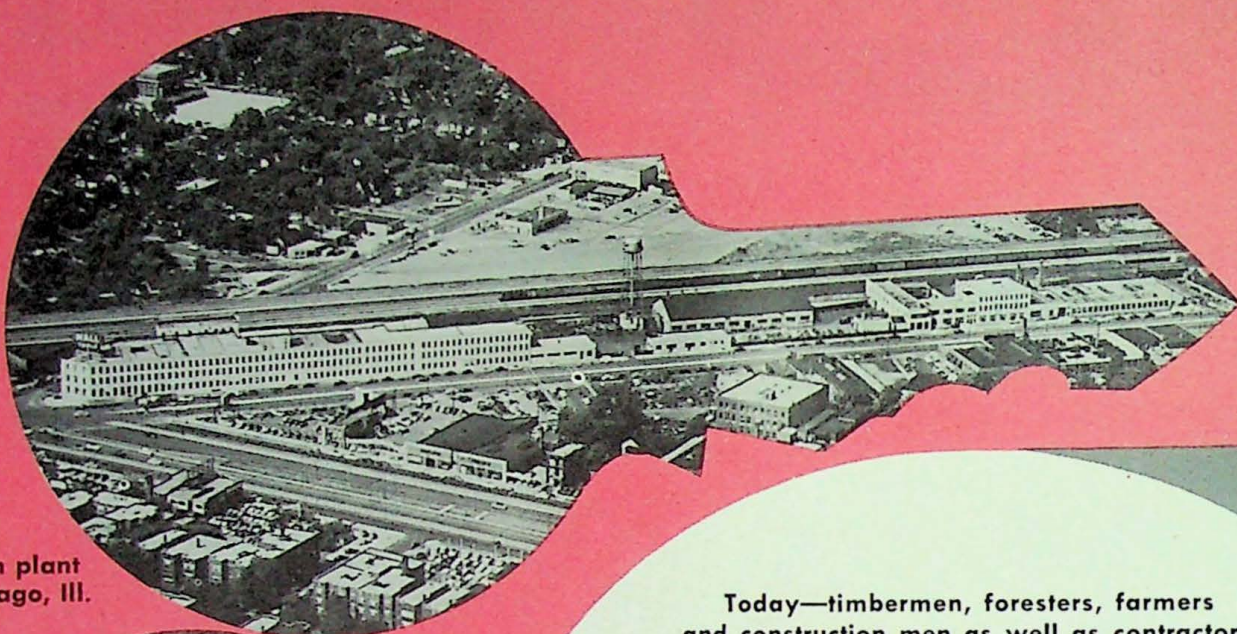


Mall[®]

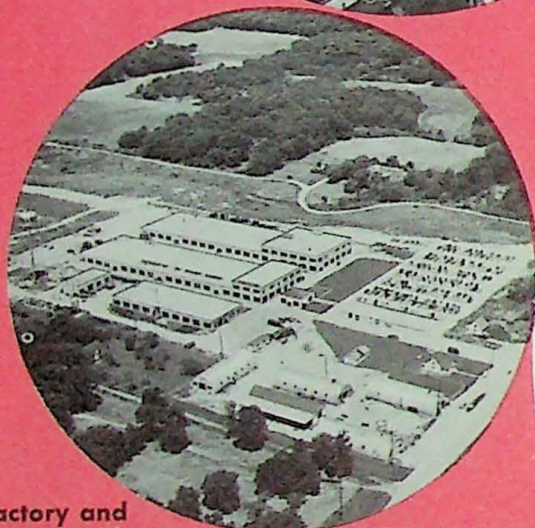
PORTABLE GASOLINE ENGINE TOOLS



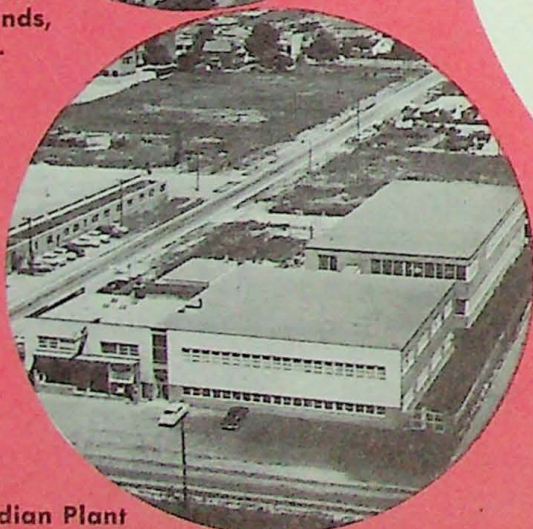
MALL . . . BUILDERS OF THE WORLD'S MOST COMPLETE LINE OF CHAIN SAWS



Main plant
Chicago, Ill.



Factory and
test grounds,
Crete, Ill.



Canadian Plant
Toronto, Ontario

Today—timbermen, foresters, farmers and construction men as well as contractors, municipalities, utilities and industry in general . . . are using high speed MALL Portable Gasoline Engine Tools to get work done *quicker and easier with less downtime and at lower cost.*

Because, through 34-years of change and progress, MALL has more than met requirements of "men on the job" in all those fields, the name MALL on Portable Gasoline Engine Tools is recognized . . . wherever in the world such tools are used . . . as the hallmark of superior quality.

To maintain that record . . . built by constant product improvement and by the development of new tools to meet new needs . . . MALL's matchless staff of specialized engineers and skilled tool men conduct a continuing program of research and development that includes "out in the field" research and "on the job" testing.

Each Portable Gasoline Engine Tool illustrated in this catalog is the 34-years cumulative result of MALL research and experience. Each MALL Tool comes complete with factory warranty backed by 36 factory-owned and operated service-sales warehouses in principal cities of the United States and Canada.

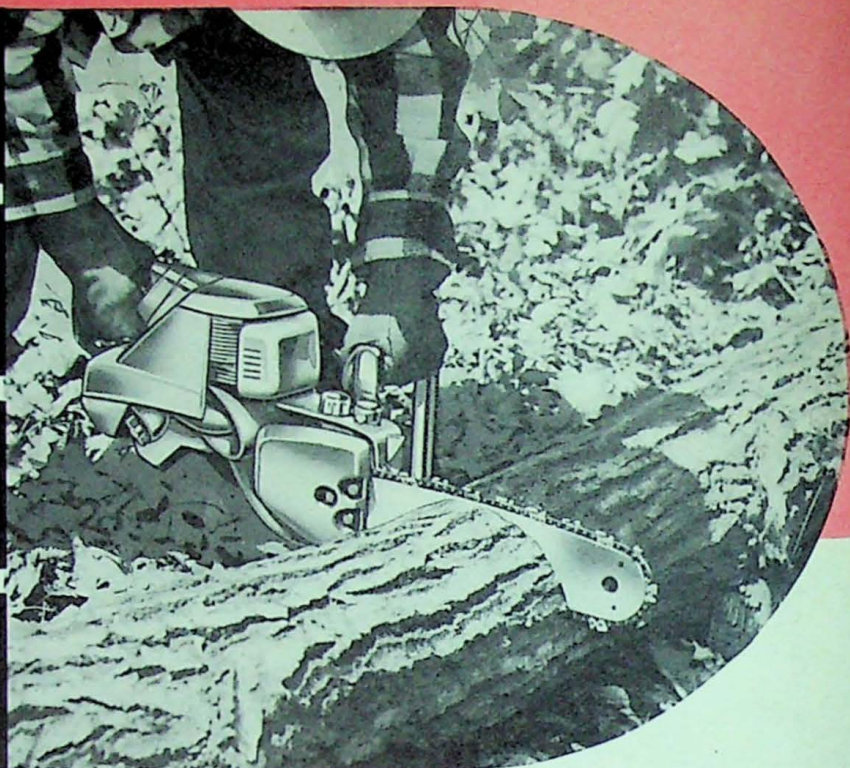
Visit your MALL Dealer today for a
FREE demonstration.

SHIPPING TERMS: Gasoline engine, pneumatic and flexible shaft tools F.O.B. Chicago Factory. Portable Electric Tools and attachments prepaid from Chicago Factory or F.O.B. Coast-to-Coast Service Warehouses. All parts and accessories F.O.B. Chicago Factory. Products are subject to prices at date of shipment.

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ALL-PURPOSE FARM WOODLOT AND PULPWOOD PRODUCTION SAW

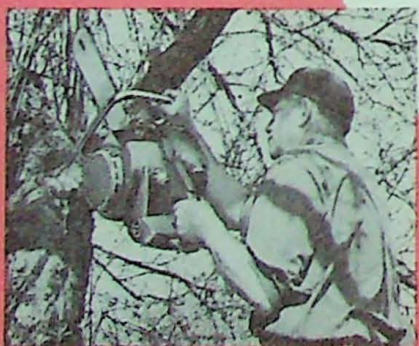


Easy to carry . . . "work balanced"
for easy cutting.

Mall

MALL MODEL 0MG 3½ BRAKE HP. CHAIN SAW

There's never been a chain saw value like this before! It's the first 3½ brake hp. chain saw selling for LESS than \$210. This new model 0MG is sturdily engineered to "take it" . . . completely MALL built to give you outstanding on-the-job performance, fast, easier cutting and more saw service for less money. The more-than-ample horsepower and handy size are ideally suited for all types of farm cutting jobs and light pulpwood production. It's economical to operate and easy to handle because of its lighter weight. The new MALL Model 0MG has plenty of power and stamina to fell trees up to 42 inches in diameter with surprising ease. Handily located finger tip controls give you "complete charge" of the saw at any cutting angle. Automatic clutch eliminates engine stalling when chain is stopped. It starts quick and easy in *any* weather. Yes, feature for feature, the new MALL Model 0MG is the greatest chain saw value ever offered.



So light, you can limb overhead
with ease.

SPECIFICATIONS

BAR SIZES: 12", 15", 18", 24", 30", 36" and 42".

ENGINE: 3½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Belt drive to bar and chain. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable aluminum-magnesium alloy.

CHAIN OILER: Completely automatic. Lubricates chain, sprocket, bar.

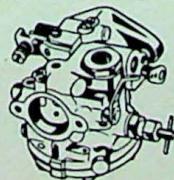
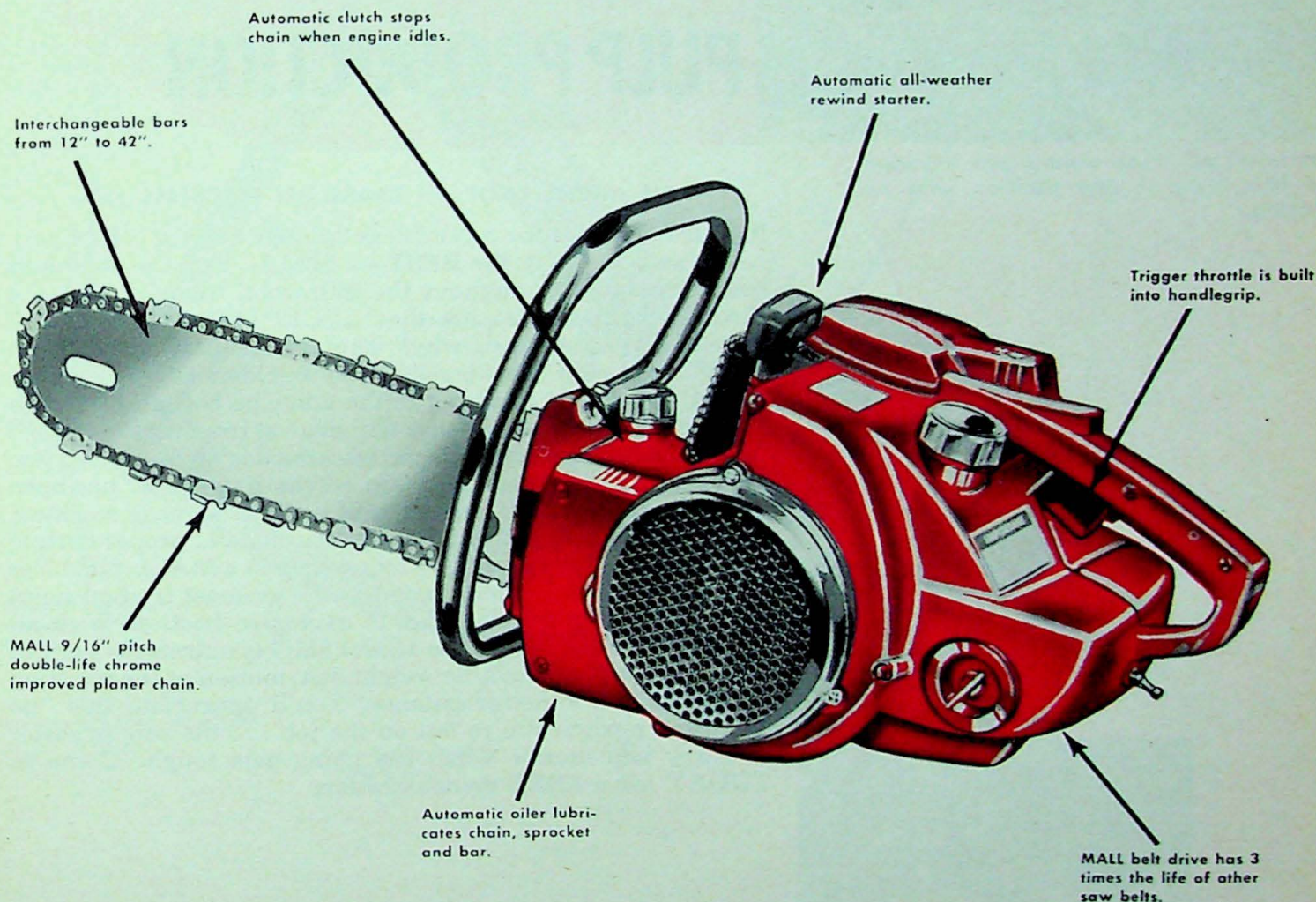
CHAIN: MALL 9/16" pitch double-life chrome improved planer.

BAR: MALL one piece solid chrome-molly steel. Double heat treated, induction hardened by high frequency Tocco process. Milled-in slot.

Specifications subject to change.

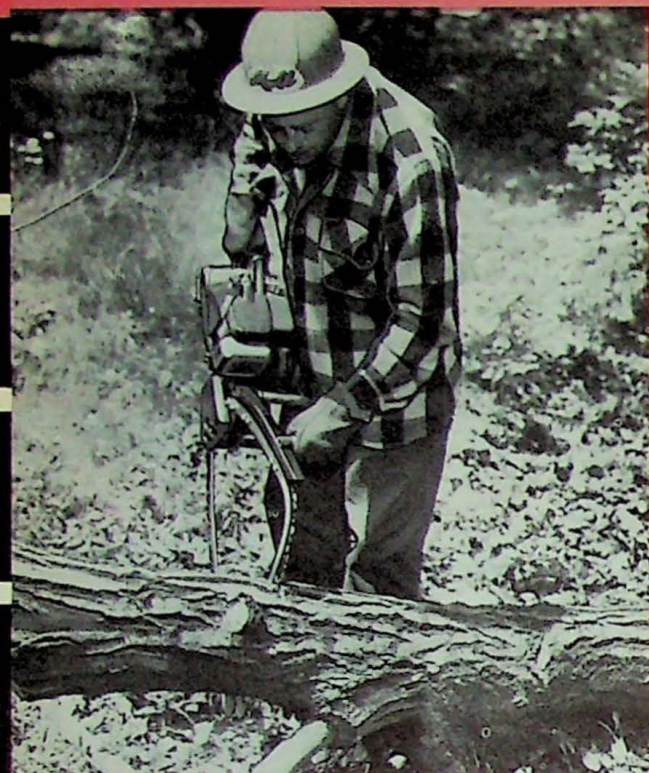
MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
OMG12	12	48210	43330
OMG15	15	48211	43331
OMG18	18	48212	43332
OMG24	24	48213	43333
OMG30	30	48214	43730
OMG36	36	48215	43731
OMG42	42	48216	43732
OMGP14	14	Pinchless Saw 48213	Complete pinchless attachment less chain 42980

STANDARD EQUIPMENT: Price includes engine with float type carburetor (diaphragm carburetor \$10.00 extra), bar, 9/16" pitch chain (3/8" pitch chain available at same price), chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.



NEW PUMP TYPE DIAPHRAGM CARBURETOR

The Model OMG is available with this new type carburetor that allows operation of the saw in any position . . . even upside down. \$10.00 extra. If desired, specify "diaphragm carburetor" when ordering.



Cuts in all positions without bar indexing and logs lying in any position with no pinching.

LIGHTWEIGHT

"PLUNGE CUTTING"

SAW FOR FAST

PULP PRODUCTION

MALL MODEL 0MGP 3½ BRAKE HP. PINCHLESS SAW

If your need calls for a pinchless "plunge cutting" chain saw . . . be sure you buy the BEST—a MALL. Yes, the word has been circulated throughout the pulpwood industry that the MALL pinchless saws are the "ACCEPTED STANDARD". Here are a few reasons why! This MALL 0MG is "Custom Built" to fill your specific need. The pinchless bars are wedge shaped to prevent pinching in the cut. The bottom bar has a knife-like edge to permit easy withdrawal from the cut. You'll like the scientifically designed "bucking dog" which gives you added cutting leverage. A patented chain tightener has been incorporated into the bucking dog . . . it is an easy working, finger tip control type which keeps the chain at proper cutting tension. And here's an extra found *only* in a MALL pinchless—a built-in pulley idler located at the greatest friction point cuts down on power loss due to excessive friction. With all its many extra features, the Model 0MG is extremely light in weight—because scientific weight distribution of the working parts makes for *better* balance. You'll appreciate this "no cost" extra when you're out on the job . . . the saw is *easier* to carry and handle when the going gets tough. Come in TODAY for a FREE demonstration.



Scientific weight distribution gives lightweight 0MG perfect balance.

SPECIFICATIONS

MODEL OMGP PINCHLESS

BAR SIZE: 14".

ENGINE: 3½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Belt drive to bar and chain. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable aluminum-magnesium alloy.

CHAIN OILER: Automatic. Lubricates chain, sprocket and bar.

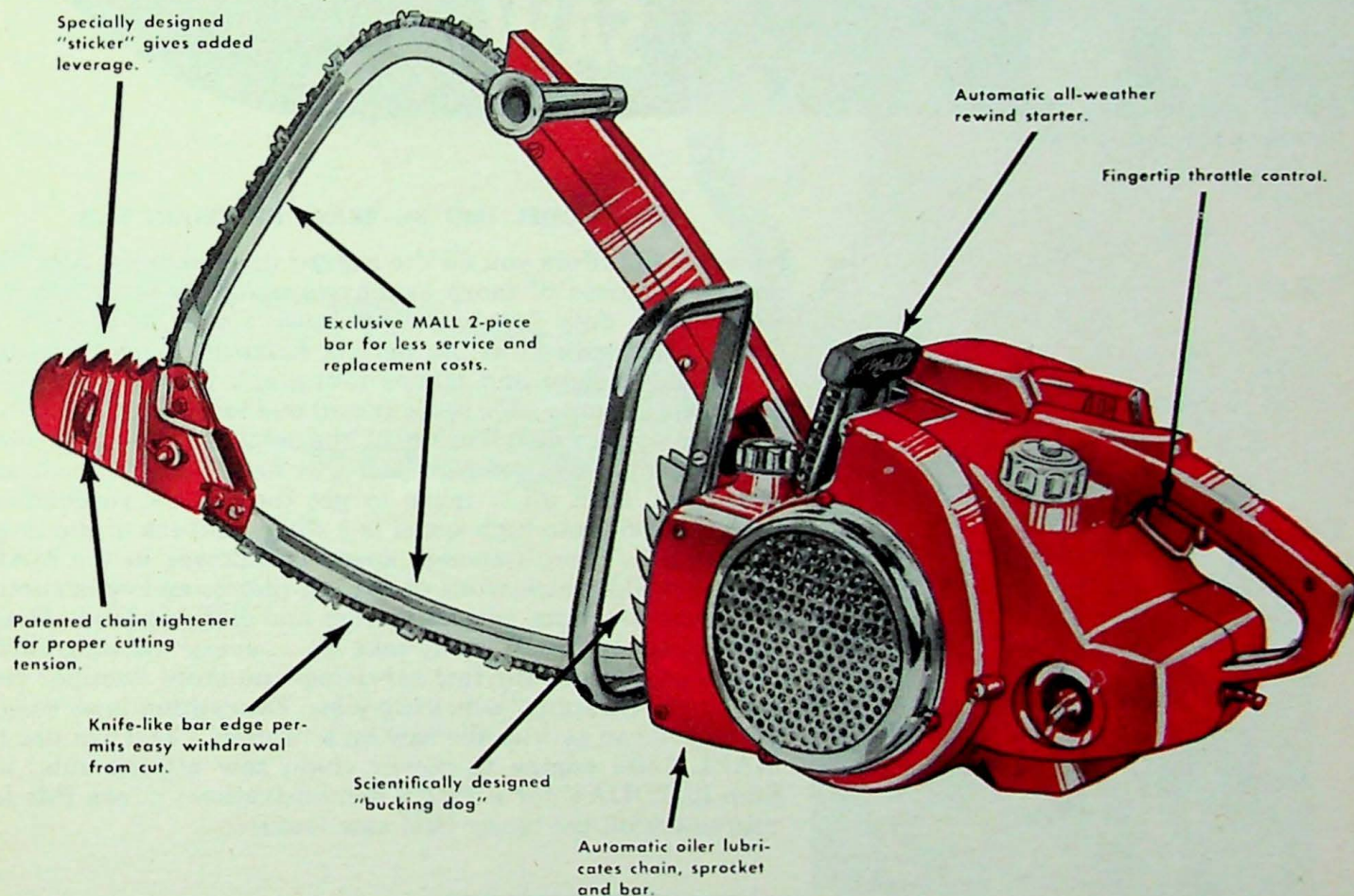
CHAIN: MALL 9/16" pitch double-life chrome plated improved planer.

BAR: MALL—2 sections. Hard surface welded at greatest wearing point—see diagram below.

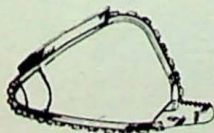
MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
OMGP14	14	48213	Complete 14" pinchless attachment less chain 42980

STANDARD EQUIPMENT: Price includes engine with float type carburetor (diaphragm carburetor \$10.00 extra), bar, 3/8" pitch chain, 3/8" pitch chain available at same price), chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.

CONVERSION FEATURE: This Pinchless Saw is also available as an attachment for Model 0MG straight chain saws. Fits directly on 0MG engine. Order: 42980 Pinchless Attachment and 48213 Chain.



EXCLUSIVE MALL PINCHLESS BARS



The MALL Pinchless Bar is made of solid chrome-molly steel with a milled-in slot. Consists of two sections. Each bar is hard surface welded at greatest wearing points as illustrated at left. Only MALL bars have this long-wearing feature.



Cutting posts into firewood.

HEAVY DUTY

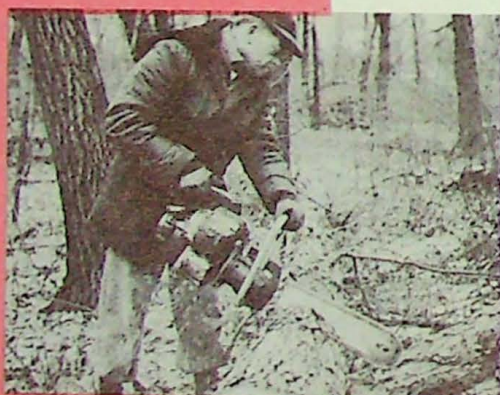
ALL-PURPOSE

FARM & UTILITY

SAW

MALL MODEL 1MG 3½ BRAKE HP. CHAIN SAW

Now MALL offers you all the rugged dependability and high quality features of more expensive chain saws in this low cost, heavy duty 3½ brake hp. saw. Come in and try it! You'll be surprised at the *perfect* balance which "eats up" arm tiring weight and makes toting and handling so much easier than comparable saws. It's all due to the MALL method of even weight distribution of the engine's working parts. And wait 'till you see how *fast* this new Custom Built saw starts . . . then all it takes to get the "quick responding" engine racing into high speed is a slight squeeze of the finger tip throttle. There's enough speed and power in the MALL 1MG to make quick work of cutting planks and construction timber, fence posts, cutting up logs and clearing land. Here's something else you'll really take to . . . every working part is within easy reach for fast servicing—no more "temper raising, finger scraping" servicing jobs. Everything is so *easy*, to get at you can service the saw on a "stump". You can use the MALL 1MG engine to power chain saw attachments, too! Stop in TODAY for a FREE demonstration . . . see this low cost saw with the many BIG saw features.



Abundant power for quick and easy bucking.



Making the felling cut with bar indexed to horizontal.

SPECIFICATIONS

BAR SIZES: 18", 24", 30", 36" and 42".

ENGINE: 3½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Gear transmission drive. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable die cast aluminum-magnesium alloy.

CHAIN OILER: Completely automatic. Lubricates chain, sprocket, bar.

CHAIN: MALL 9/16" pitch double-life chrome improved planer.

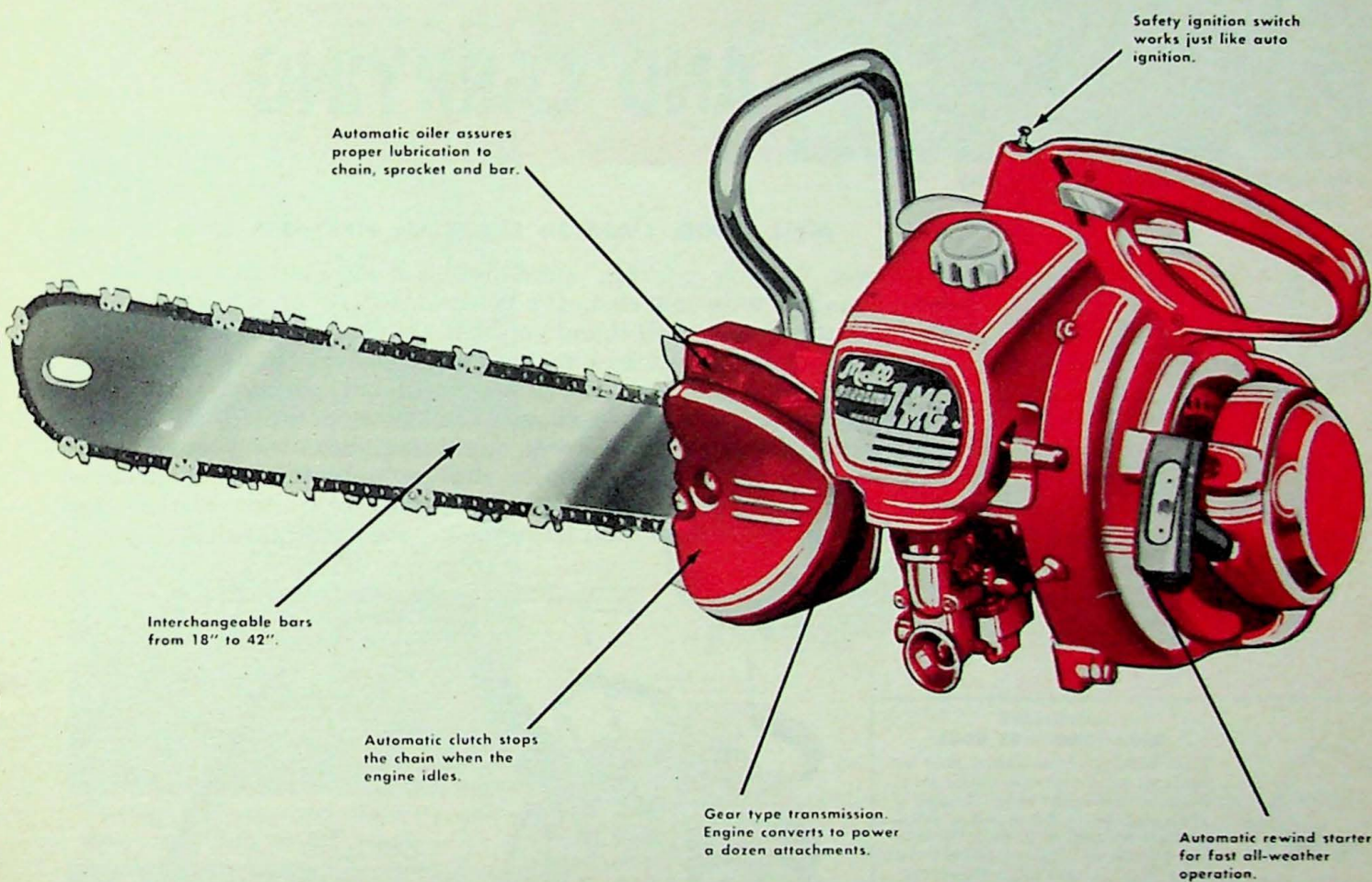
BAR: MALL one piece solid alloy steel. Double heat treated, induction hardened by high frequency Tocco process. Milled-in slot. Bar indexes 360 degrees.

Specifications subject to change.

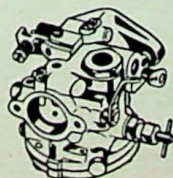
MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
1MG18	18	48212	43332
1MG24	24	48213	43333
1MG30	30	48214	43730
1MG36	36	48215	43731
1MG42	42	48216	43732

STANDARD EQUIPMENT: Price includes engine with float type carburetor (diaphragm carburetor \$10.00 extra), gear transmission, bar, ⅝" pitch chain, chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.

NOTE: When using bars 36" length and over the MALL 4 to 1 gear reduction transmission 40920 is recommended. No price increase—specify when ordering.



SEE ATTACHMENTS FOR MODEL 1MG ENGINE ON PAGES 44-45



NEW PUMP TYPE DIAPHRAGM CARBURETOR

The Model 1MG is available with this new type carburetor that allows operation of the saw in any position . . . even upside down. \$10.00 extra. If desired, specify "diaphragm carburetor" when ordering.



MALL "pinchless" cuts pulp logs in any position without bending.

LOW COST

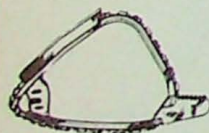
BOW SAW FOR

EASIER CUTTING

AND CARRYING

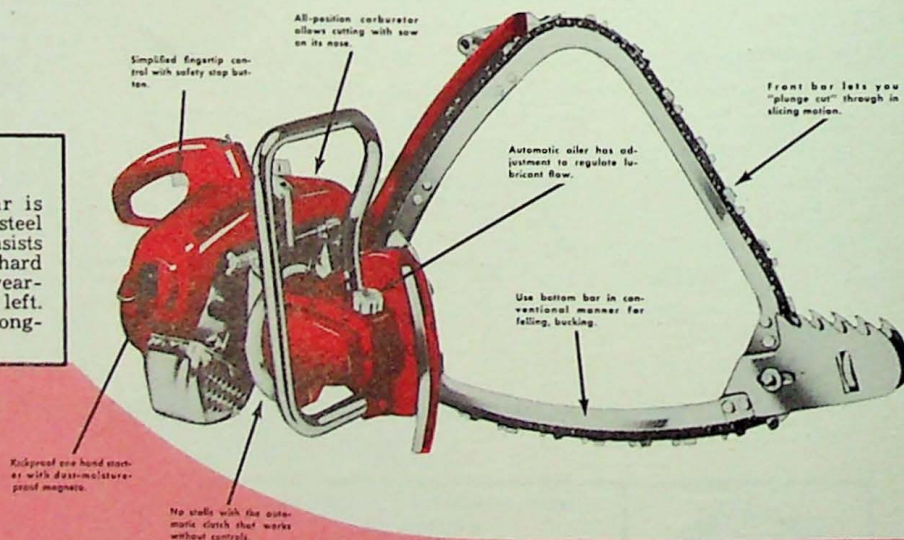
MALL MODEL 1MGP 3½ BRAKE HP. PINCHLESS SAW

This new, "plunge cutting," pinchless saw combines all features of larger models with low cost. It's your "best buy" in a 3½ brake hp. plunge cutting saw. Lift it and you'll see how scientific weight distribution gives it *perfect balance*! It *totes easier*! It handles *better* when cutting "rough stuff!" It's scientifically designed "bucking dog" gives you powerful leverage. Exclusive, patented chain tightener with *fingertip control* keeps chain at right cutting tension. An added feature is the pulley idler that reduces friction at greatest friction point . . . it *minimizes* power loss. And the MALL "gas miser" engine cuts down on bothersome, frequent gas-ups.



EXCLUSIVE MALL PINCHLESS BARS

The MALL Pinchless Bar is made of solid chrome-molly steel with a milled-in slot. Consists of two sections. Each bar is hard surface welded at greatest wearing points as illustrated at left. Only MALL bars have this long-wearing feature.



SPECIFICATIONS

1 MG 3½ BRAKE HP. PINCHLESS AND BOW SAWS

BAR SIZES: (Pinchless) 14" x 14" or 18" x 18". (Bow) 18" and 24".

ENGINE: 3½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Gear transmission drive. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable die cast aluminum-magnesium alloy.

CHAIN OILER: Automatic. Lubricates chain, sprocket, bar.

CHAIN: MALL 9/16" pitch double-life chrome plated improved planer.

BAR: (For Pinchless saw) 2 sections. Hard surface welded at greatest wearing points—see diagram below. Bar indexes 360 degrees.

BOW: Steel tube—two hardened alloy steel bars with milled-in slot. Economical to service and replace. Bow indexes 360 degrees.

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
Pinchless Saws			
1MGP14	14	48213	42950
1MGP18	18	48214	43890
Bow Saws			
1MGB18	18	48214	37164
1MGB24	24	48216	40002

STANDARD EQUIPMENT: Prices of both "Pinchless" and "Bow" saws include engine with float type carburetor (diaphragm carburetor \$10.00 extra), gear transmission, bars for Pinchless saws, bow and bars for bow saws, 9/16" pitch chain, chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual. Prices and specifications subject to change.

CONVERSION FEATURE: This Bow Saw is also available as an attachment for the Model 1MG Engine. Fits directly on engine. Consists of transmission, bow saw and chain. Order: 18" Size—37170; 24" Size—40030.



MODEL 1MGB, 3½ BRAKE HP. BOW SAW



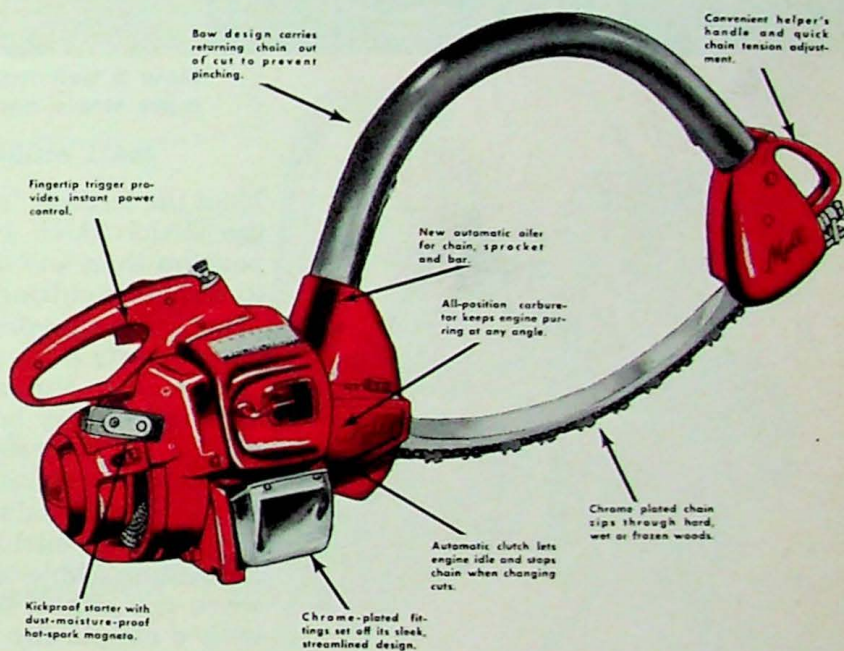
The economy saw for farmer and small pulpwood producer.



Perfect balance and light — add easy handling to efficiency.



As easy and safe to carry as it is to work with.

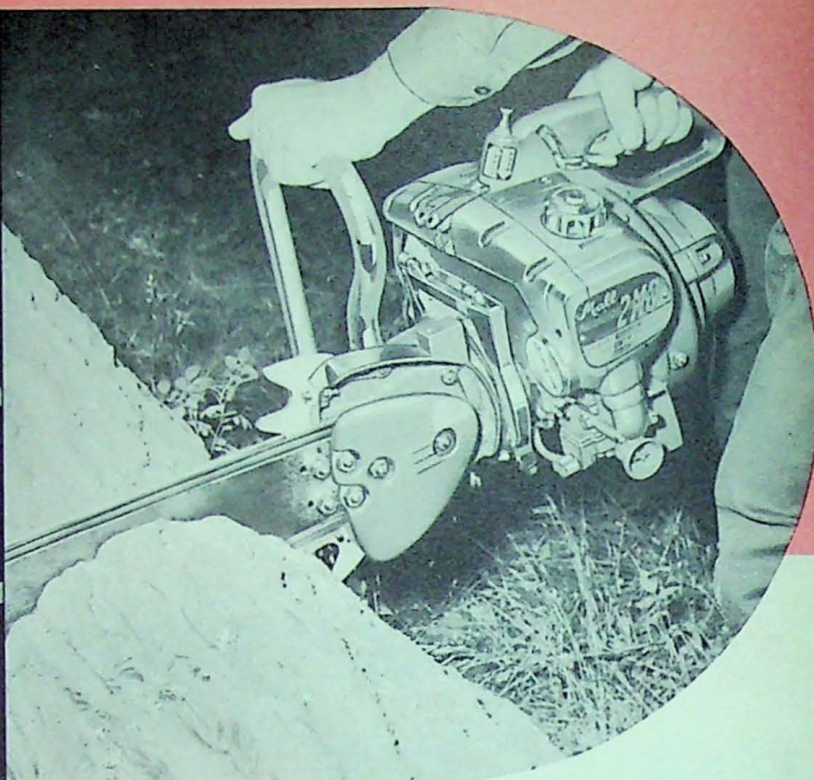


Here's world's easiest handling bow saw . . . fast, lightweight, safe to carry and operate anywhere. Ideal for clearing land, cutting fence posts, cordwood, pulp, timber—also large beams, rail ties and other rough timbers. Bow design carries returning chain out of cut. If wood settles back, chain cuts its way free. Tube protects saw in and out of operation. Bow indexes 360° for angle cutting . . . engine stays level.

See straight bars usable with this engine on pages 8 and 9; attachments on pages 44 and 45.

SEE ATTACHMENTS FOR MODEL 1MG ENGINE ON PAGES 44-45

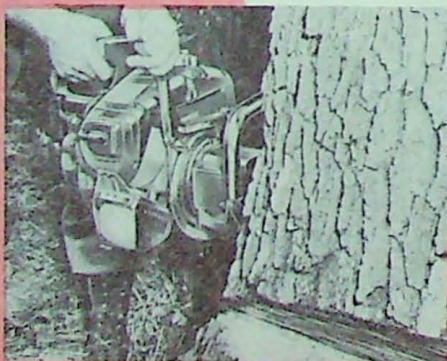
FASTEST CUTTING CHAIN SAW IN ITS CLASS



New 5 bolt transmission can take more stress and strain.

MALL MODEL 2MG 5½ BRAKE HP. CHAIN SAW

Meet the cutting "champ" of the 5½ brake hp. chain saws . . . the MALL 2MG. It has rolled up more victories in open competition than any other saw in its class—giving you *proof* of its superior cutting power. This general purpose, heavy duty production saw packs a tremendous "wood busting" Sunday punch in its huge power "push" that feeds the specially designed chain through the cut with flashing speed—you save time and energy because the new Custom Built MALL 2MG handles all your cutting jobs quicker and easier. You'll really take to the unusually light weight of the saw . . . that's because of the *perfect* balance which absorbs the weight and makes carrying and handling in the difficult spots so much easier than comparable saws. The automatic clutch stops the chain when the engine idles. The cutting bar indexes a full 360° with a simple flip of the lever. All the controls are conveniently grouped for easy one-hand operation. You'll also like the exclusive MALL "gas miser" engine that "wrings out" every ounce of explosive power from the fuel to give you more cutting mileage between "gas-ups"! The MALL 2MG engine powers a variety of chain saw attachments—see chart on pages 44-45. Stop in to see a **FREE** demonstration of this MALL cutting "champ" **TODAY** . . . or better yet, put it to work in your own timber—you'll agree it is the fastest wood cutter in the 5½ hp. class.



Bar indexes 360°, cuts at any angle with engine level.

SPECIFICATIONS

BAR SIZES: 18", 24", 30", 36", 42" and 54".

ENGINE: 5½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Gear transmission drive. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable die cast aluminum-magnesium alloy.

CHAIN OILER: Completely automatic. Lubricates chain, sprocket, bar.

CHAIN: MALL 9/16" pitch double-life chrome plated improved planer.

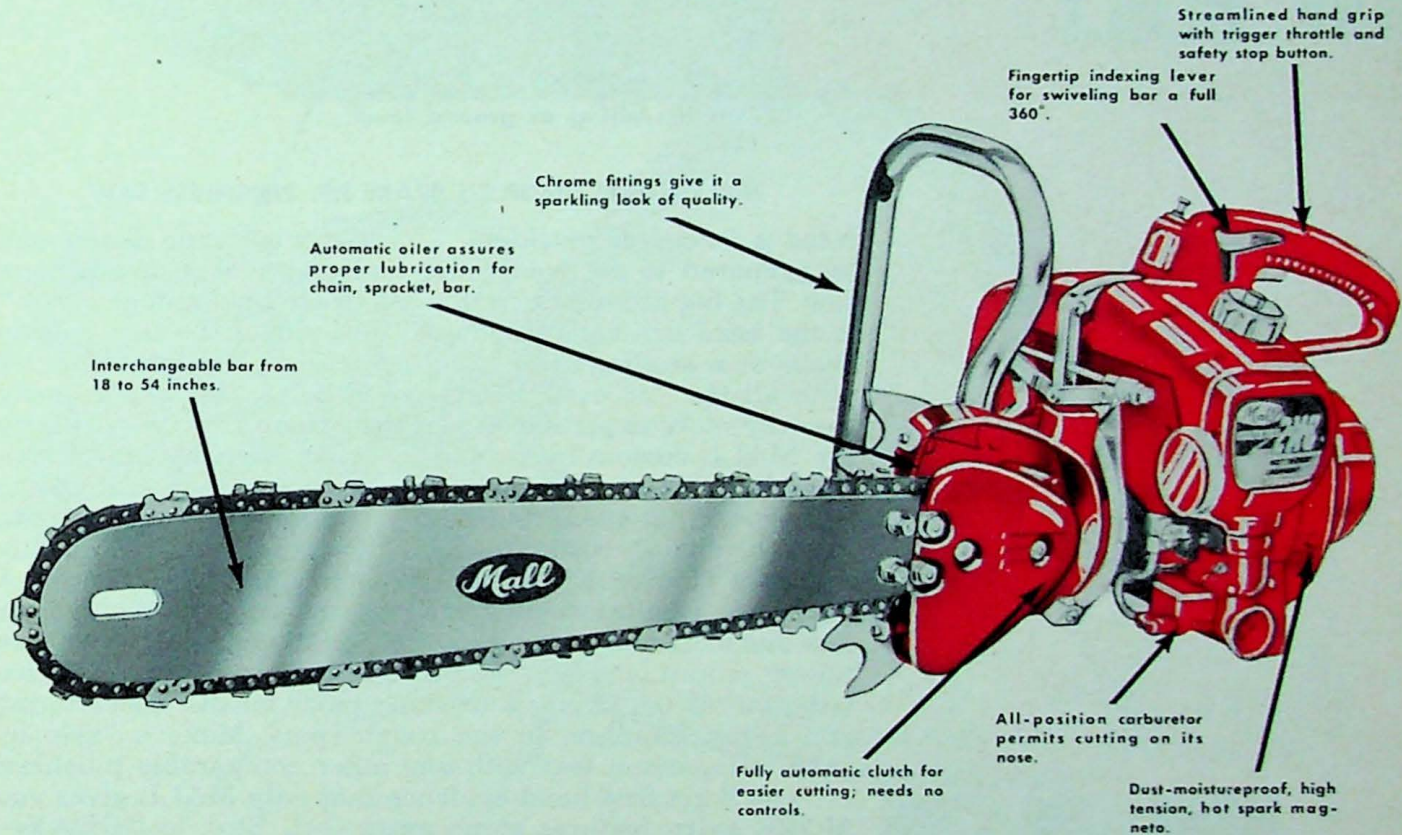
BAR: MALL one piece solid chrome-molly steel. Double heat treated, induction hardened by high frequency Tocco process. Milled-in slot. Bar indexes 360 degrees.

Specifications subject to change.

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
2MG18	18	48212	43332
2MG24	24	48213	43333
2MG30	30	48214	43730
2MG36	36	48215	43731
2MG42	42	48216	43732
2MG54	54	48217	43733
2MGP14	14	Pinchless Saws 48213	Complete pinchless attachment less chain and transmission 42950
2MGP18	18	48214	43890

STANDARD EQUIPMENT: Price includes engine with float type carburetor (diaphragm carburetor \$10.00 extra), gear transmission, bar, ¼" pitch chain, chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.

NOTE: When using bars 36" length and over the MALL 4 to 1 gear reduction transmission 40920 is recommended. No price increase—specify when ordering.



SEE ATTACHMENTS FOR MODEL 2MG ENGINE ON PAGES 44-45



NEW PUMP TYPE DIAPHRAGM CARBURETOR

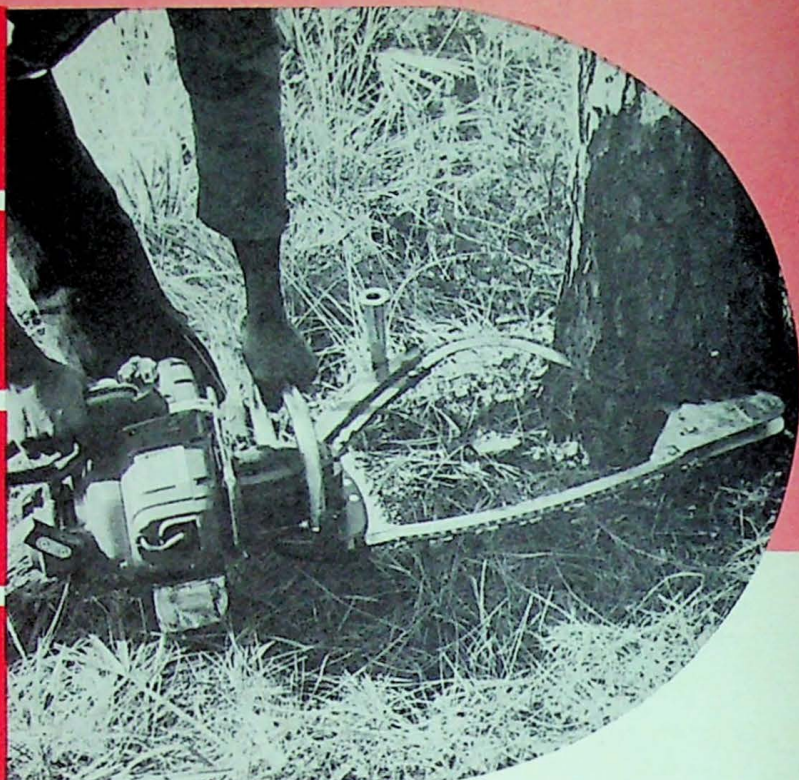
The Model 2MG is available with this new type carburetor that allows operation of the saw in any position . . . even upside down. \$10.00 extra. If desired, specify "diaphragm carburetor" when ordering.

MOST

POWERFUL

"PLUNGE CUTTING"

SAW BUILT



Permits felling at ground level.

MALL MODEL 2MGP 5½ BRAKE HP. PINCHLESS SAW

*Need a Powerful pinchless? . . . then visit your dealer and be prepared to see something really special in a pinchless saw. The big difference in this 5½ brake hp. "plunge cutter" is the hard driving "go power" that moves the fast cutting chain at a sizzling clip! Combine this most-wanted feature with all the "no cost" extras listed below and you'll easily see why more experienced pinchless chain saw users specify the MALL custom built Model 2MGP than any other comparable pinchless. Here are the "no extra cost" features to look for: a patented, finger tip operation chain tightener to keep the chain's cutting tension "just right." A scientifically designed "bucking dog" to give you powerful leverage. A pulley idler built into the "bucking dog" cuts down on power loss due to excessive friction—you get the engine's *maximum* power output. *Perfect* balance due to scientific weight distribution of the engine's working parts means easier toting and better handling in the rough spots. Make a "side by side" comparison test with *any* other comparable pinchless . . . you'll get first hand evidence that only MALL gives you MORE extra features at no extra cost. Stop in TODAY—your dealer will be glad to give you a FREE demonstration.*



Bucks, plunge cuts in all positions, at all angles.

SPECIFICATIONS

BAR SIZES: 14" x 14" or 18" x 18".
ENGINE: 5½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Gear transmission drive. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

CLUTCH: Automatic. Prevents

stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable die cast aluminum-magnesium alloy.

CHAIN OILER: Automatic. Lubricates chain, sprocket and bar.

CHAIN: MALL 9/16" pitch double-life chrome plated improved planer.

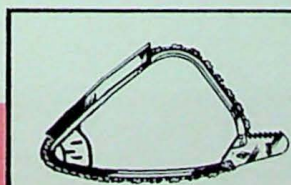
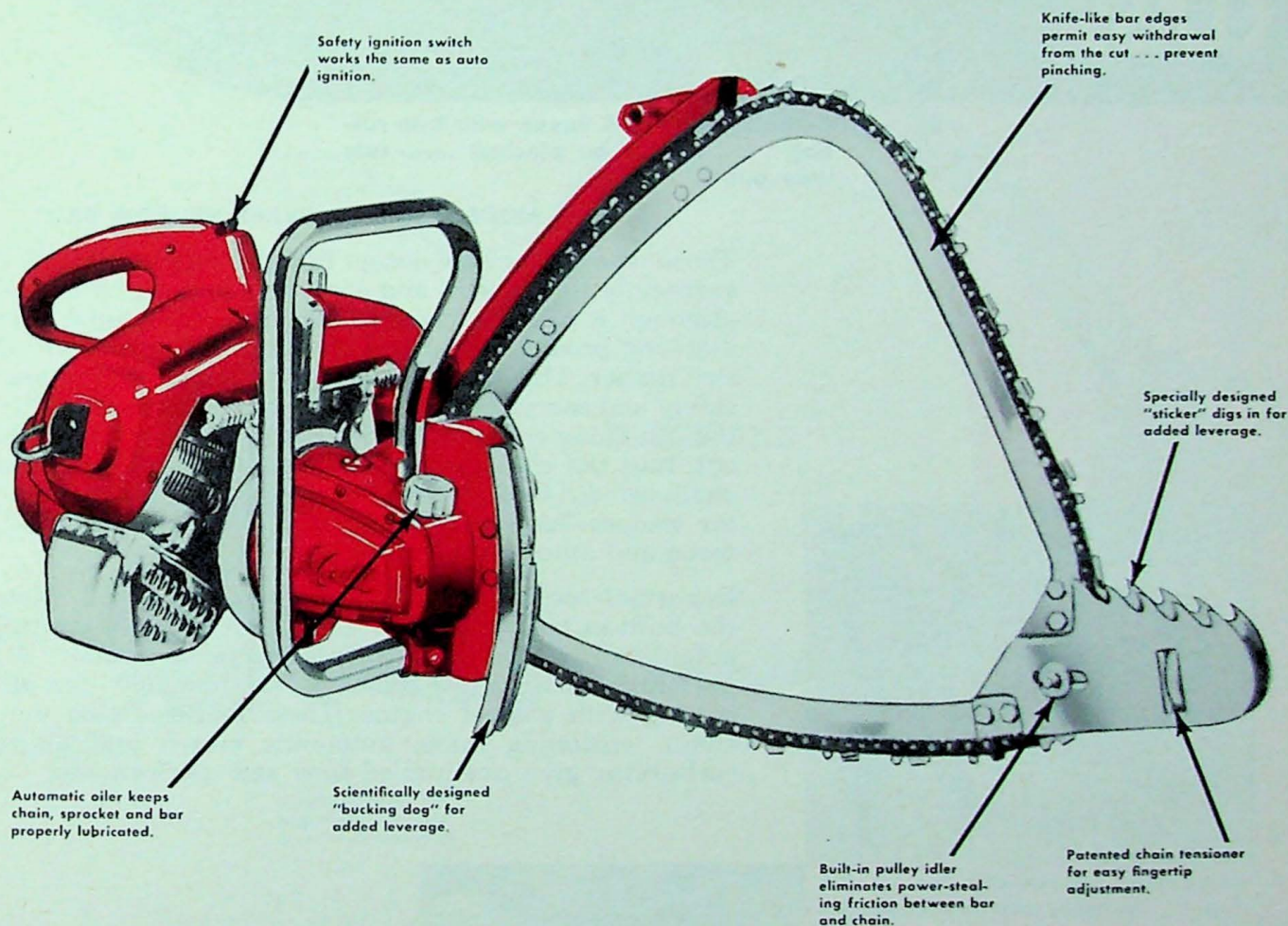
BAR: MALL—2 sections. Hard surface welded at greatest wearing points—see diagram below. Bar indexes 360 degrees.

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR Complete pinchless attachment—less chain and transmission
2MGP14	14	48213	42950
2MGP18	18	48214	43890

STANDARD EQUIPMENT: Price includes engine with float type carburetor (diaphragm carburetor \$10.00 extra), gear transmission, bars, 9/16" pitch chain, chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual. Prices and specifications subject to change.

CONVERSION FEATURE: This Pinchless Saw is also available as an attachment for the Model 2MG straight chain saw. Fits on the 2MG Engine Transmission with a slight conversion which you can make yourself. Order: 14" Size—41190 Pinchless Attachment and 40771C Chain. 18" Size—40940 Pinchless Attachment and 40782C Chain.

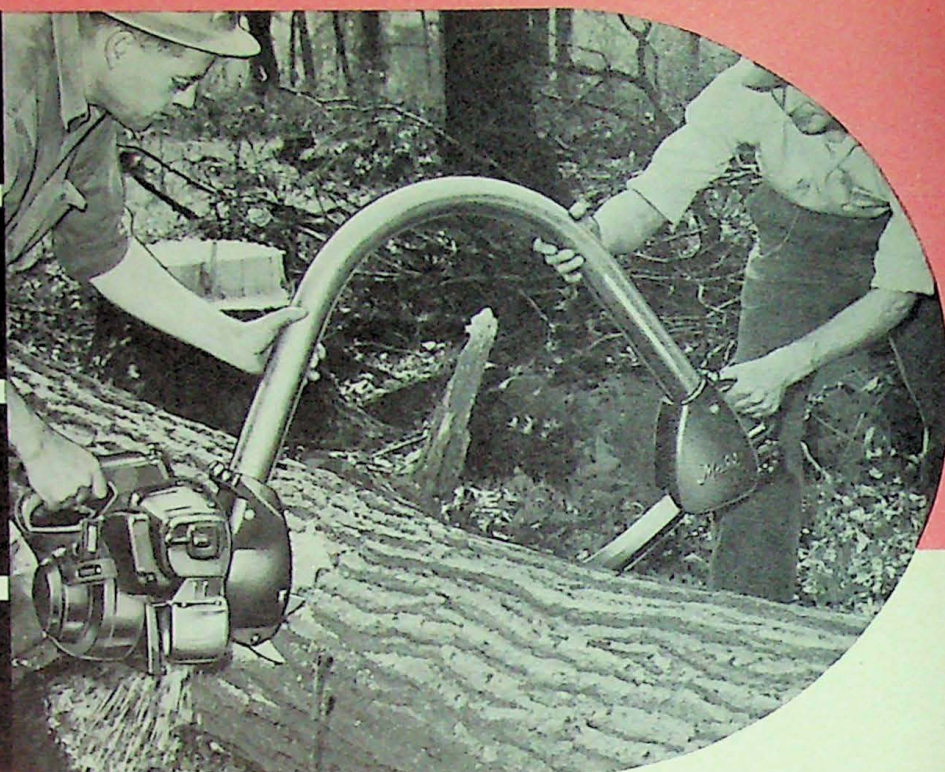
SEE ATTACHMENTS FOR THE MODEL 2MG ENGINE ON PAGES 44-45



EXCLUSIVE MALL PINCHLESS BAR

The MALL Pinchless Bar is made of solid chrome-molly steel with a milled-in slot. Consists of two sections. Each bar is hard surface welded at greatest wearing points as illustrated at left. Only MALL bars have this long-wearing feature.

MOST POWERFUL BOW SAW IN ITS CLASS



Combines power & Speed with free cutting . . . cannot be pinched . . . cuts way out.

MALL MODEL 2MGB 5½ BRAKE HP. BOW SAW

Those who prefer bow design find this all-new MALL 2MGB extremely lightweight and easy to maneuver in any terrain, although it packs a dynamic 5½ hp. It has ample power for day-long production cutting in pulpwood and in all average size timber. This bow type design provides unique operating safety and carrying ease, for the bow tube completely covers the returning chain. It carries the returning chain out of the cut, thus the chain cannot be pinched if the log settles; the chain can cut its way out of binds, which eliminates the need for wedges—a very worthwhile feature when cutting pulpwood and other small diameter trees.

Important too are the actual operating features. Note how the built-in trigger throttle gives you fingertip control. The automatic starter is built for all-weather operation. A finger pressure indexing lever swivels the bow 360° for all-angle cutting with a level engine. These features plus the quick chain tensioning knob, automatic clutch and all-position carburetor give unequaled bow saw performance.



Extremely lightweight for its 5½ h.p. . . . handles and carries easily.



Finger pressure indexes bow to cut at any angle with engine level.

SPECIFICATIONS

BAR SIZES: 18" and 24".

ENGINE: 5½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Gear transmission drive. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard. All-position pump type diaphragm carburetor \$10.00 extra.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable die cast aluminum-magnesium alloy.

CHAIN OILER: Automatic. Lubricates chain, sprocket and bar.

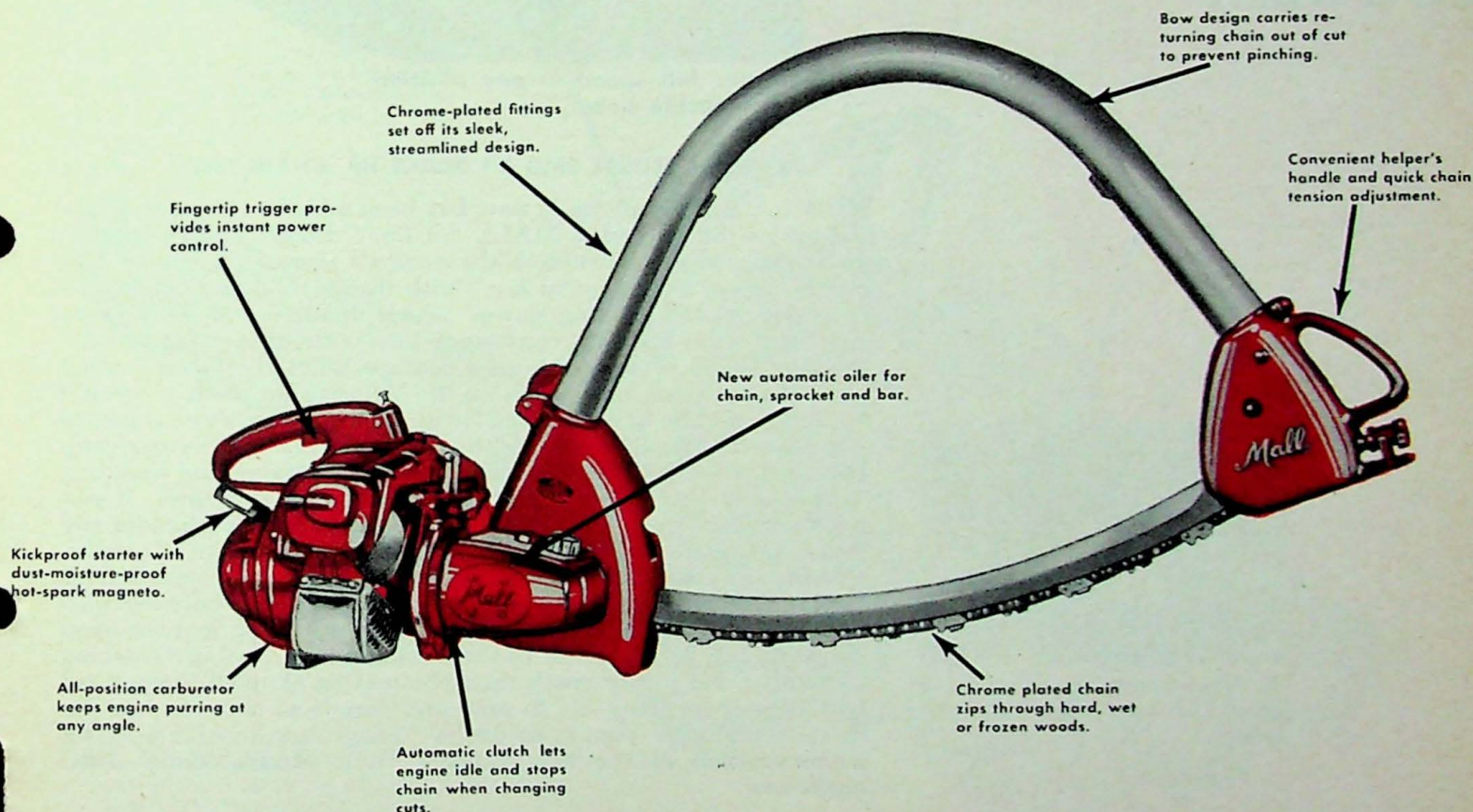
CHAIN: MALL 9/16" pitch double-life chrome plated improved planer.

BOW: Steel tube—two hardened alloy steel bars with milled-in slot. Economical to service and replace. Bow indexes 360 degrees.

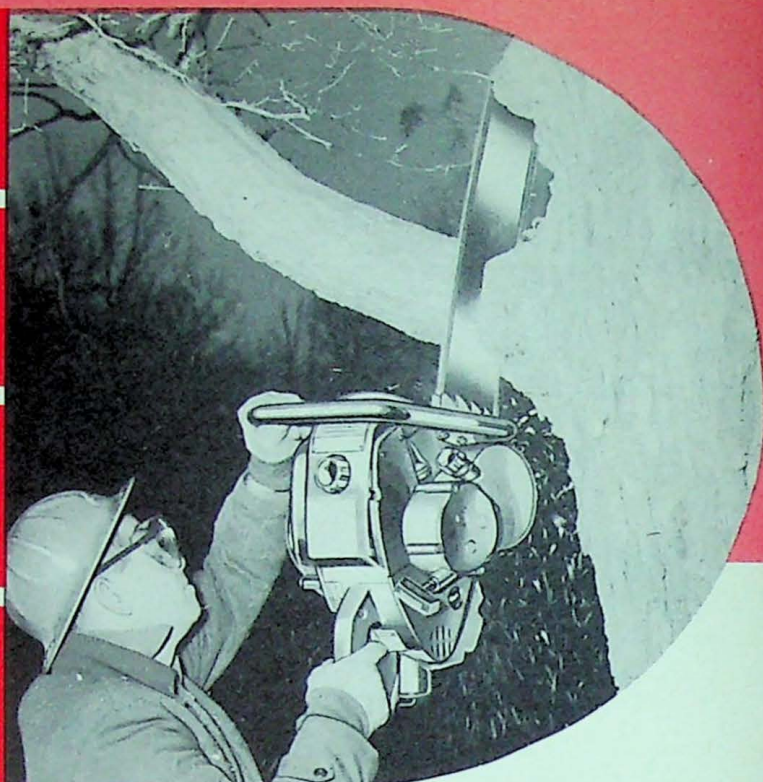
MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
2MGB18	18	48214	37164
2MGB24	24	48216	40002

STANDARD EQUIPMENT: Price includes engine with float type carburetor (diaphragm carburetor \$10.00 extra), gear transmission, bow and bars, 9/16" pitch chain, chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.

CONVERSION FEATURE: This Bow Saw is also available as an attachment for the Model 2MG Engine. Fits directly on engine. Consists of transmission, bow saw and chain. Order: 18" Size—37170. 24" Size—40030.



PERFECT BUCKING SAW FOR PROFESSIONAL LOGGERS



Operates full speed in any position
—even upside down.

MALL MODEL 3MG 5½ BRAKE HP. CHAIN SAW

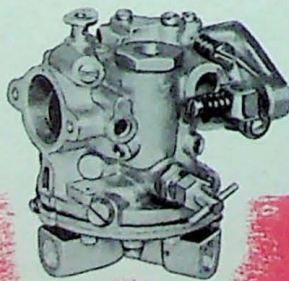
NOW . . . something really new has been added to the chain saw industry—the exclusive MALL “in line” design. Here’s what it is: by specially constructing the engine’s working parts so that *all* the power thrust is “in line” with the fast moving chain, you now get **MORE** driving power which enables you to “breeze through” those big, time consuming jobs without that “worn out” feeling. That’s because this new feature takes the “push” away from the operator and puts it on the biting chain teeth . . . you’ll actually feel the saw nudging away from you, always eager to “feed itself” into the cut. And this new MALL 3MG is *perfectly* balanced to “eat up” the weight and make carrying and handling in the tough spots so much easier than comparable saws. If you need a *two man saw* simply attach the handy helper’s handle and in seconds you’re ready to go! And here’s another MALL exclusive feature that you’ll appreciate out on the job: the new MALL “gas miser” engine gives you more cutting mileage between gas-ups. Added to all these extras is the easy servicing feature—you don’t have to be an expert to service this saw . . . all the working parts are within easy reach thus eliminating skinned fingers and ruffled tempers; why it’s so easy and simple to service, you can do it on a stump! Visit your dealer Today! Ask him for a **FREE** demonstration of the new Custom Built MALL Model 3MG chain saw.



In line power drive throws
saw into cut — you merely
guide.

NEW ADVANCED DIAPHRAGM CARBURETION

The Model 3MG is equipped with the latest pump type diaphragm carburetor. This new type carburetion permits trouble-free, all-position cutting. The cutting bar needs no indexing—the saw will operate on its nose, on either side, straight up and even upside down. It can’t flood! And, MALL’S “pump” type diaphragm carburetor is superior over pressure type systems. This feature is a MALL “extra” value that really pays off on the job.



SEE ATTACHMENTS FOR THE MODEL 2MG ENGINE ON PAGES 44-45

SPECIFICATIONS

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
3MG18	18	48212	43332
3MG24	24	48213	43333
3MG30	30	48214	43730
3MG36	36	48215	43731
3MG42	42	48216	43732
3MG54	54	48217	43733

STANDARD EQUIPMENT: Price includes engine with pump type diaphragm carburetor, bar, 9/16" pitch chain, chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.

Specifications Subject To Change.

BAR SIZES: 18", 24", 30", 36", 42" and 54".

ENGINE: 5½ brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Belt drive to bar and chain. Lubrication by mixing oil in gas.

CARBURETOR: All-position pump type diaphragm standard. Permits upside down operation.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

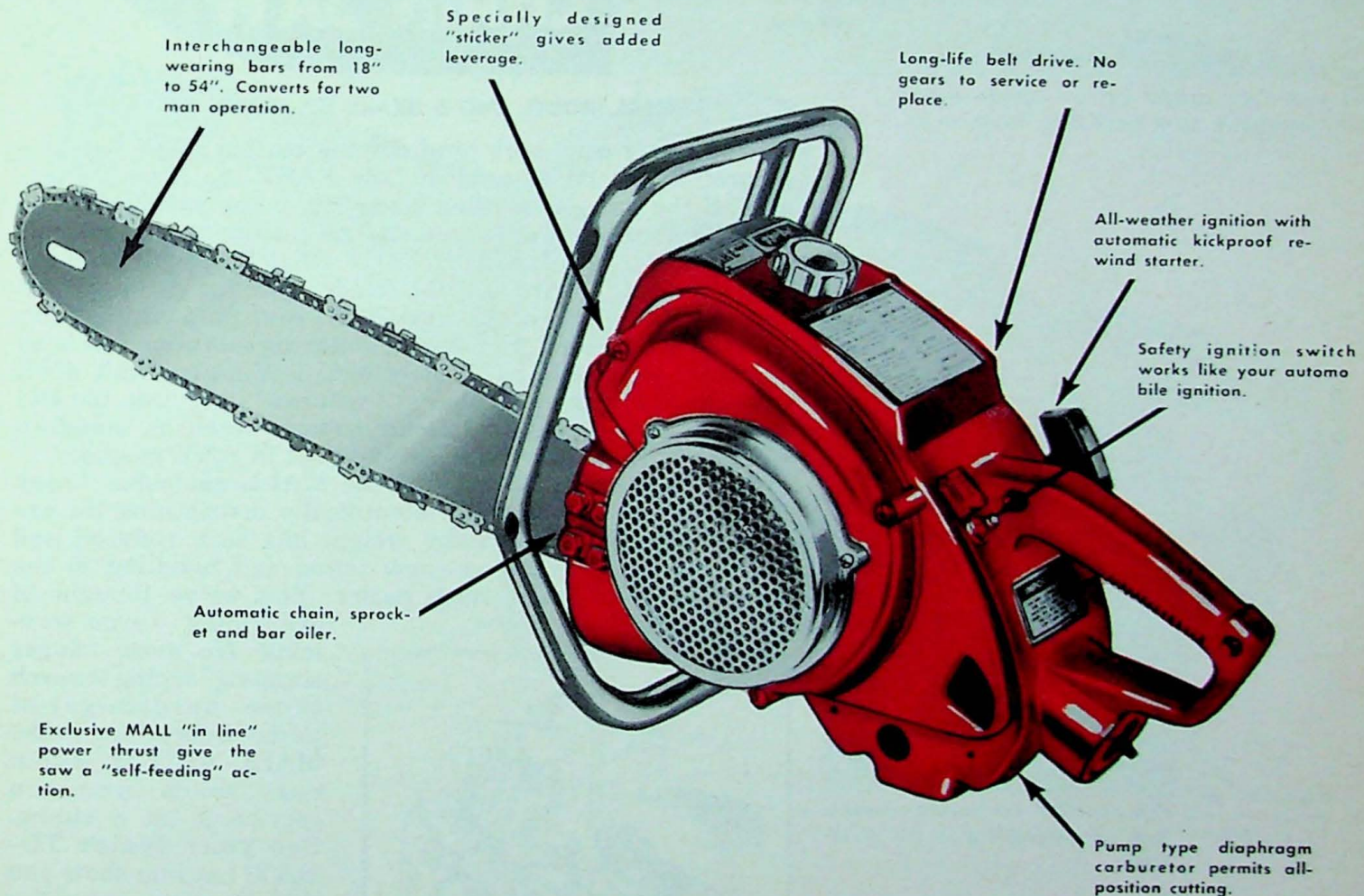
CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

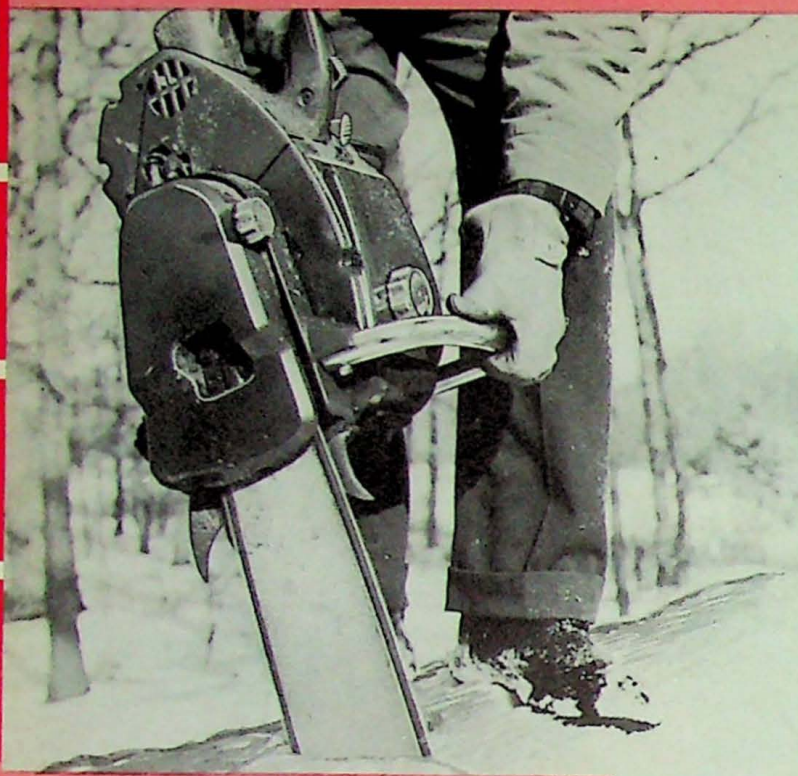
HOUSINGS: Lightweight, durable aluminum-magnesium alloy.

CHAIN OILER: Completely automatic. Lubricates chain, sprocket bar.

CHAIN: MALL 9/16" pitch double-life chrome plated improved planer.

BAR: MALL one piece solid alloy steel. Double heat treated, induction hardened by high frequency Tocco process. Milled-in slot.





ALL-POSITION

HIGH SPEED

DIRECT DRIVE

CHAIN SAW

Plunge Cut, angle cut or upside down this amazing saw gets thru in seconds.

MALL MODEL 4MG 5 BRAKE HP. CHAIN SAW

You've never seen such hard driving cutting speed like this before! You'll be amazed at how FAST the chain travels around the bar—astonished users tell us the wood seems to "melt" under the 4MG's tremendous cutting speed. And it's all because of the MALL *DIRECT DRIVE* design. There is no power loss . . . you use the *full* 5 brake hp. driving force which really makes quick work of all your pulp cutting jobs. And yet with all this high speed, annoying vibration has been virtually eliminated. This new MALL Custom Built 4MG cuts *anywhere* along the bar . . . will not "pull" into the log. The advanced diaphragm carburetor, which is standard equipment at no extra cost, lets you cut in ANY position . . . even upside down. You'll like the MALL exclusive "work balanced" feature, too! By scientifically distributing the engine's working parts, bulky weight has been reduced and perfect balance achieved—now toting and handling in the awkward spots is so much easier. Yes, we've thought of

everything—even servicing! No more "finger scraping" trying to reach those hard-to-get-at parts—everything in the MALL 4MG is within easy reach; you can service it on a stump. See your dealer **TO-DAY!** Let him show you this amazing speedster in action.



All-position carburetor keeps engine operating in all positions.



SPECIFICATIONS

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
4MG15	15	48231	43321 F
4MG18	18	48232	43322 F
4MG24	24	48233	43323 F

STANDARD EQUIPMENT: 5 hp. engine with all position diaphragm carburetor, guide bar, chain, repair kit, file, wrench, screwdriver, sparkplug wrench and setting gauge, nylon starter cord, instruction manual.

Specifications Subject To Change Without Prior Notice

BAR SIZES: 15", 18" and 24".

ENGINE: 5 brake hp. 1 cylinder, 2 cycle, air cooled gasoline. Direct drive—no belts or gears. Lubricated by mixing oil in gas.

CARBURETOR: All-position pump type diaphragm standard. Permits upside down operation.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick start, all-weather magneto.

THROTTLE: Built-in trigger type.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

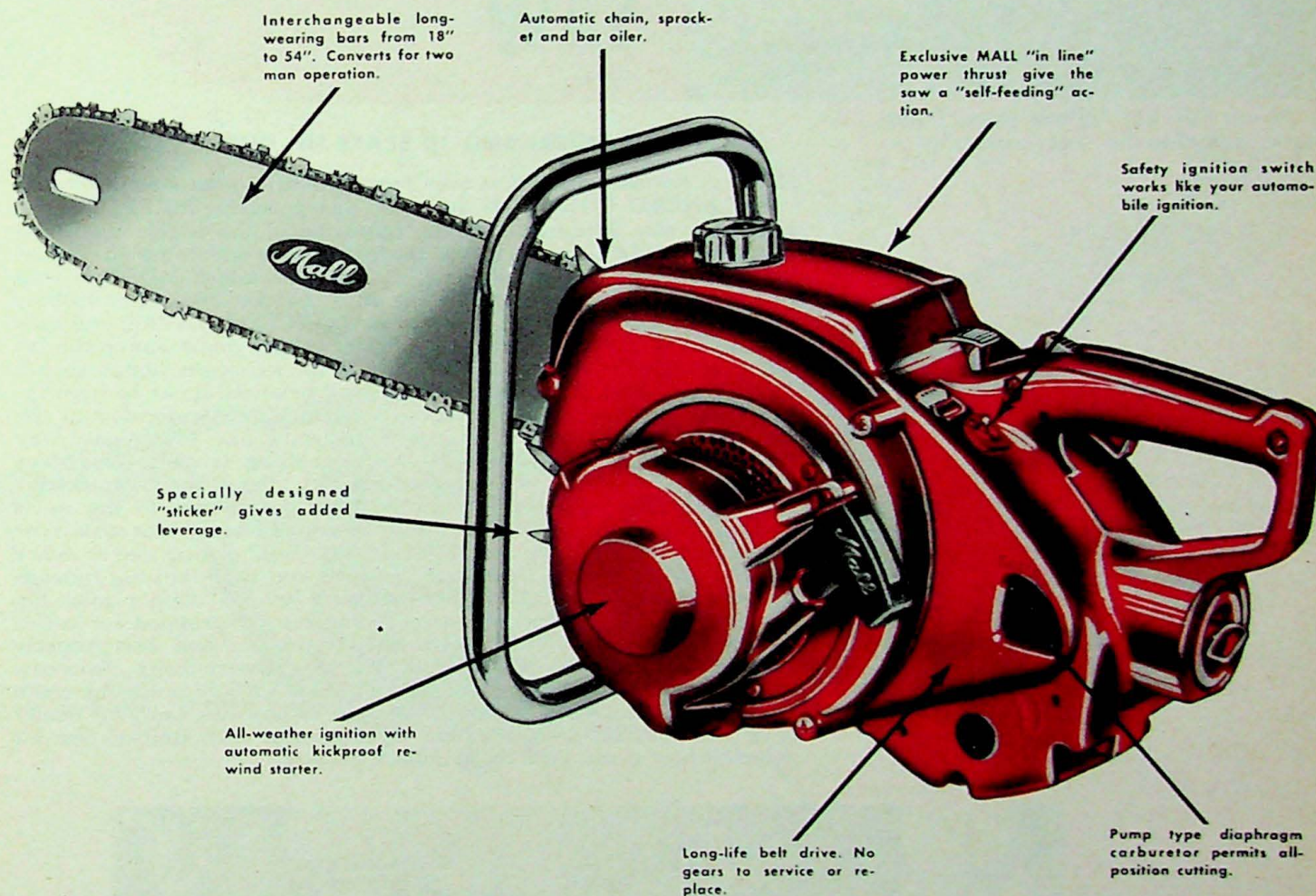
HOUSINGS: Lightweight, durable aluminum-magnesium alloy.

CHAIN OILER: Manual. Permits control of oil flow to meet cutting need.

CHAIN: MALL $\frac{3}{8}$ " pitch double-life chrome plated improved planer.

BAR: MALL one piece solid alloy steel. Welded tip, flame hardened rails, milled-in slot.

Specifications subject to change.





TWO MAN

"BALANCED POWER"

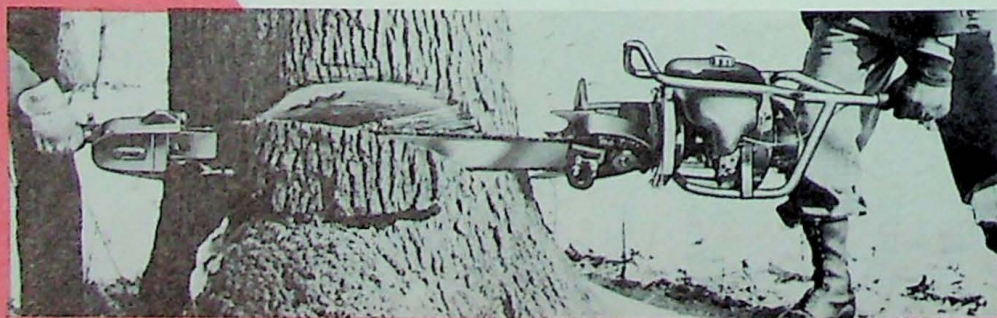
BIG TIMBER

SAW

Big power for big felling jobs. Transmission detaches for easy carrying.

MALL MODEL 5MG 10 BRAKE HP. CHAIN SAW

Now . . . the best thing that ever happened to a *giant size* chain saw—**BALANCED POWER**—is yours in this powerful MALL 5MG 10 brake hp. saw. Through scientific balancing of the engine's working components, MALL has achieved *perfect balance* which has eliminated muscle fatiguing engine "shimmy" . . . and has *added MORE* driving power to the saw. You drop the "big guys" *quicker and easier* without that "washed out" feeling . . . that's "BALANCED POWER"; and only MALL has it! You'll appreciate this "extra" when you're out on the job—the saw handles smoother, especially in the awkward "tough spots". This new Custom Built 5MG saw is so well balanced it can be used for one man operation, too! The built-in chain tightener located in the helper's handle is another "no cost" extra you'll like. It's an easy way to keep the chain always at the proper cutting tension. To reduce power and friction loss, we've placed a pulley idler at the greatest friction point. Aluminum-magnesium housing contributes to the saw's unusual light weight. And here's another added feature that makes for better performance—the new MALL "gas miser" engine makes every drop of gasoline work "overtime" to give you more cutting mileage between gas-ups. The cutting bar indexes a full 360° with a quick flip of the lever. Finger-tip controls are conveniently grouped for easier operation. Automatic oiler keeps chain, sprocket and bar properly lubricated at all times. The MALL 5MG also powers many chain saw attachments. See this new powerhouse MALL 5MG 10 brake hp. chain saw with "BALANCED POWER" as soon as possible. Let your dealer give you a **FREE** demonstration right in your own timber. See for yourself how it can earn more dollars for you.



Built-in chain control in helper's handle, keeps chain at right cutting tension.

SPECIFICATIONS

MODEL 5MG CHAIN SAW

BAR SIZES: 18" to 72". Larger sizes available upon request.

ENGINE: 10 brake hp, 1 cylinder, 2 cycle, air cooled gasoline. Gear transmission drive. Lubricated by mixing oil in gas.

CARBURETOR: Float type standard.

STARTER: All-weather automatic rewind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type for right or left hand use.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls. Stops chain, lets the engine idle when changing cuts.

HOUSINGS: Lightweight, durable aluminum-magnesium alloy.

CHAIN OILER: Completely automatic. Lubricates chain, sprocket, bar.

CHAIN: MALL $\frac{3}{4}$ " pitch double-life chrome plated side planer.

BAR: MALL one piece solid moly chrome steel. Double heat treated, induction hardened by high frequency Tocco process. Milled-in slot.

Specifications subject to change.

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
5MG24	24	48251	43742
5MG36	36	48254	43743
5MG48	48	48256	43744
5MG60	60	48257	43745
5MG72	72	48258	43746

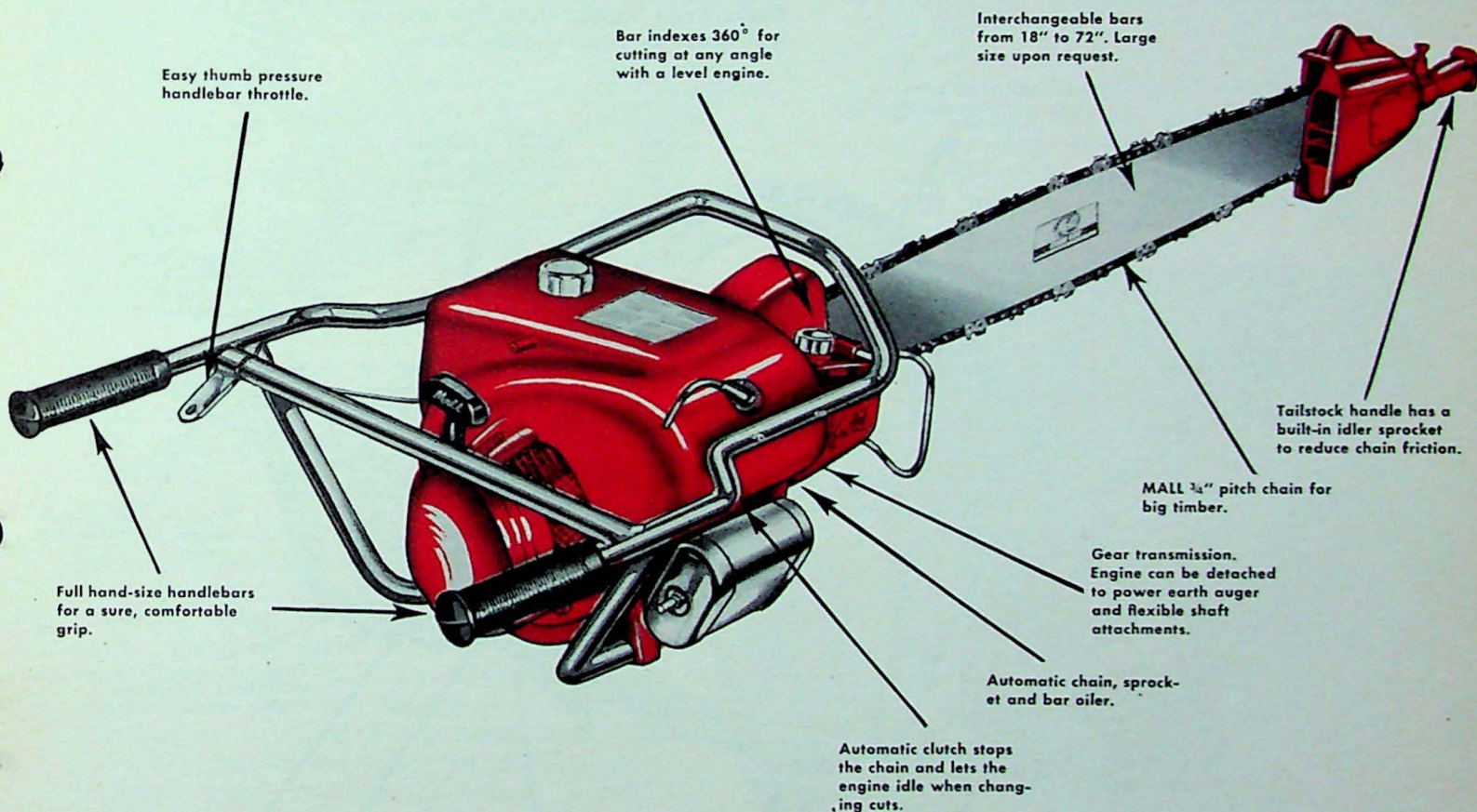
Bars and chains up to 12 ft. available upon request.

STANDARD EQUIPMENT: Price includes engine with float type carburetor, gear transmission, open end bar, tailstock handle with idler (round nose bar with helper's handle available—specify), $\frac{3}{4}$ " pitch chain, ($\frac{1}{2}$ " pitch chain available—specify), chain repair kit, chain file, complete set of tools to handle any service adjustment, operating and service instruction manual.

SPECIFY WHEN ORDERING:

MODEL B.....equipped with round nose bar and helper's handle.

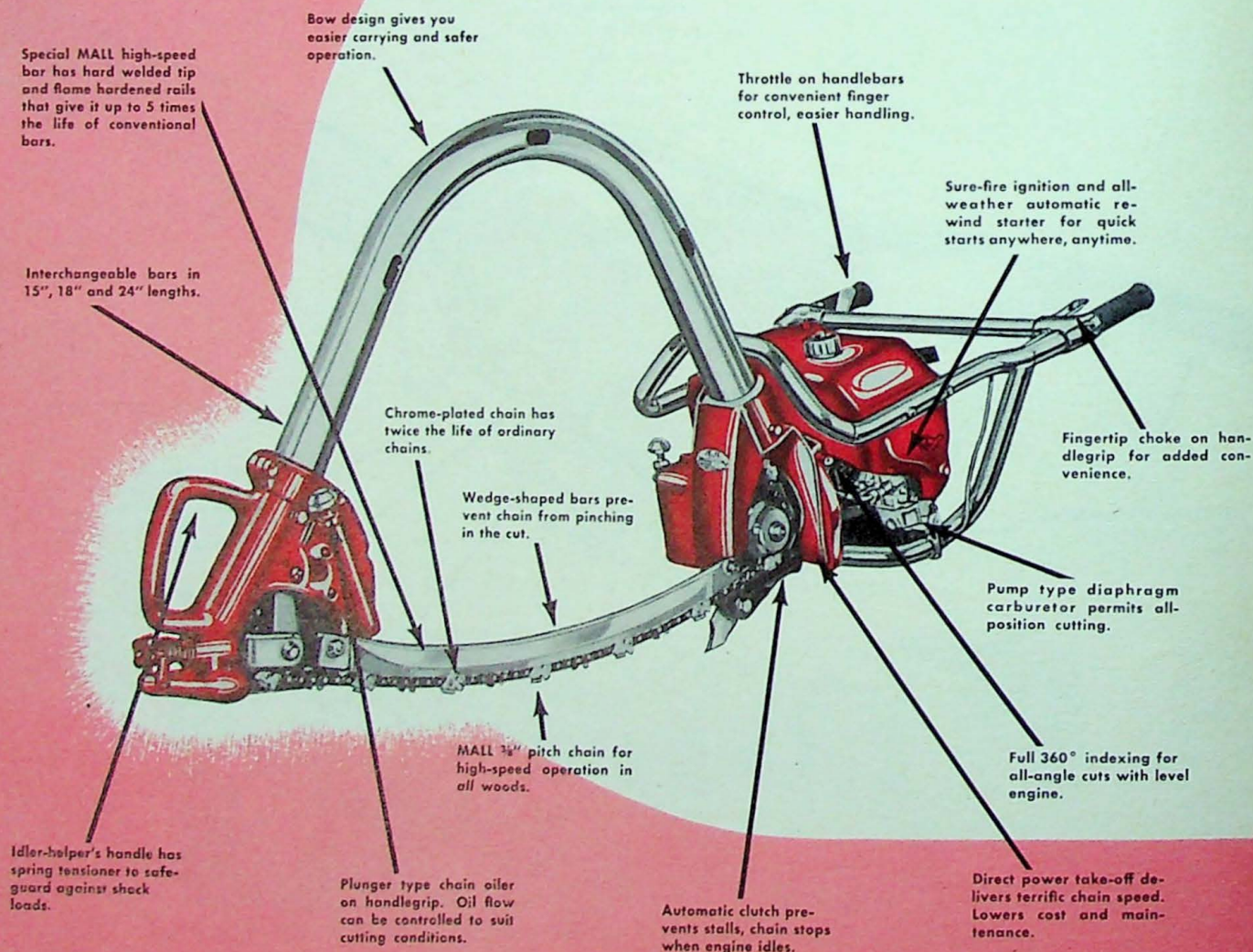
MODEL A.....equipped with open end bar and tailstock handle with built-in idler.



MIGHTY MANY USE "BALANCED POWER" BOW SAW



Bucks even bigger than this one as fast and easy as it fells them.



SPECIFICATIONS

BAR SIZES: 18" and 24".

ENGINE: 10 brake hp., 1 cylinder, 2 cycle air cooled gasoline. Gear transmission drive, lubricated by mixing oil in gas.

CARBURETOR: Float type standard.

STARTER: All-weather, automatic re-wind. Totally enclosed.

IGNITION: Sure-fire, quick-start, all-weather magneto.

THROTTLE: Built-in trigger type for right or left-hand use.

AIR CLEANER: Located out of the way. Easy to service.

CLUTCH: Automatic. Prevents stalls, stops chain, lets engine idle when changing cuts.

HOUSINGS: Lightweight, durable aluminum-magnesium alloy.

BOW: Stainless steel tube—two alloy spring steel bars.

CHAIN: Chrome plated side planer— $\frac{3}{4}$ " pitch.

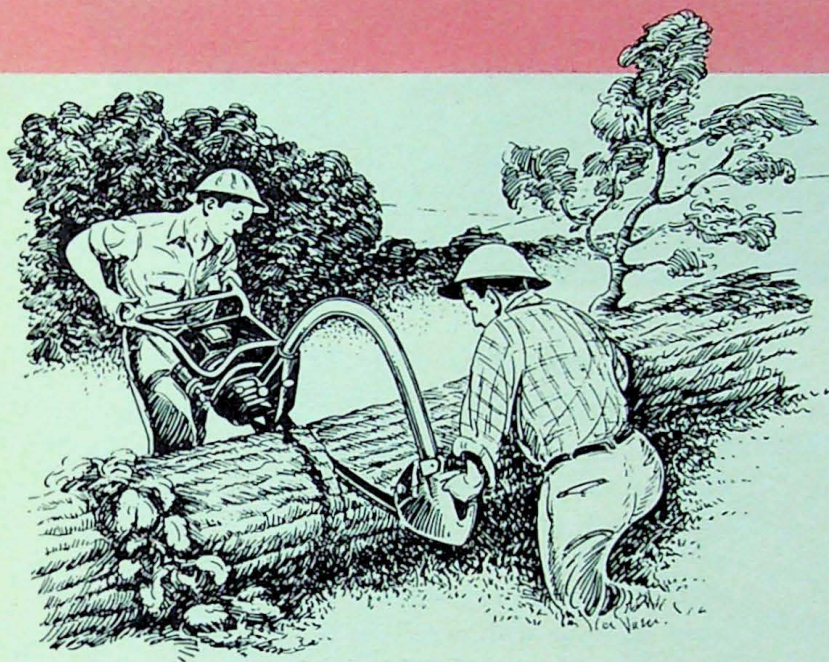
CHAIN OILER: Completely automatic (lubricates chain, sprocket, bar) or; Manual oiler, if preferred.

MALL MODEL 5MGB BOW SAW

MODEL	BAR SIZE INCHES	EXTRA CHAIN	EXTRA BAR
5MGB18	18	48252	37380
5MGB24	24	48255	41240

STANDARD EQUIPMENT: Price includes engine, transmission, bow, chain, chain repair kit, file, wrenches, screwdrivers, sparkplug wrench and setting gauge, nylon starter cord, instruction manual. Specify choice of manual or automatic oiler when ordering. Pump type diaphragm carburetor available . . . \$10.00 extra.

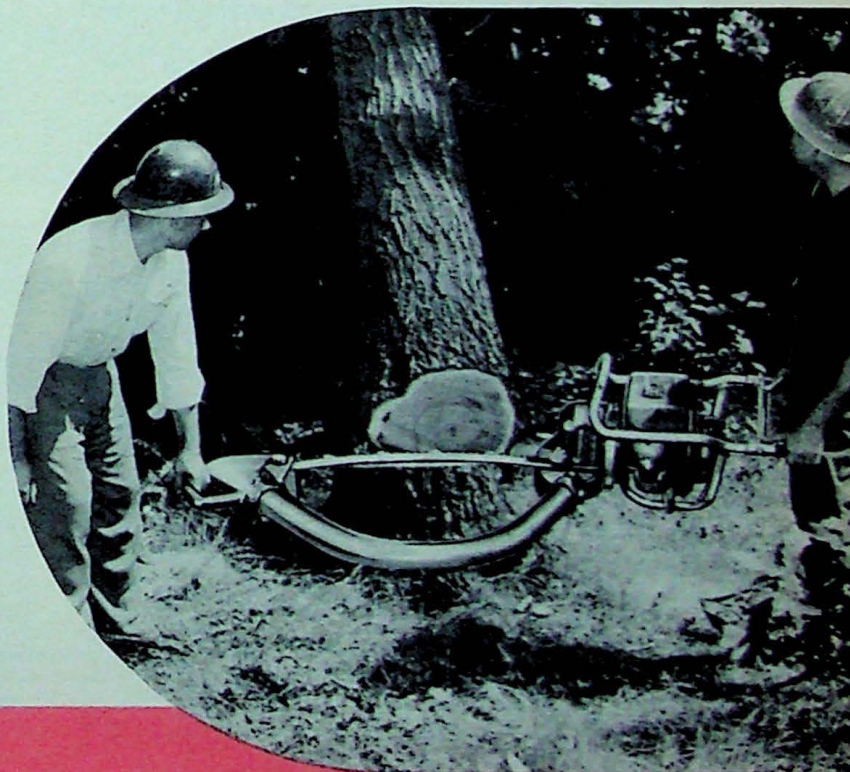
Specifications subject to change.



MALL MODEL 5MGB 10 BRAKE H.P. BOW SAW

This safe, easy-handling, pinch-free bow saw gives you plenty of tree toppling "GO POWER" . . . lets you "slice" through big ones—up to 12 foot diameter—in minutes! Yet it is amazingly light in weight for a saw of such capacity . . . perfectly balanced and easy-to-carry. The firm handlebars give "natural grip" control. Also—because the bow designed steel tube covers all but the cutting section of the revolving chain chances of personal injury or damage to clothes or equipment are minimized. The bow also becomes a handy handle for extra "push" when cutting pulpwood, woodlot stands, poles and posts. Bars are narrower

at the top than at the chain-guiding edge; and that is why . . . though setting of wood may close cut above bar . . . chain remains free to cut its way out. Interchangeable bows in two sizes available with this engine both swivel a full 360°. The helper's handle on the chain end of the bow for two-man operation has a built-in chain tensioning device. The powerful, lightweight MALL 5MG engine can also be used with straight saw attachments. Your Dealer will gladly demonstrate this mighty MALL Bow Saw in your timber.



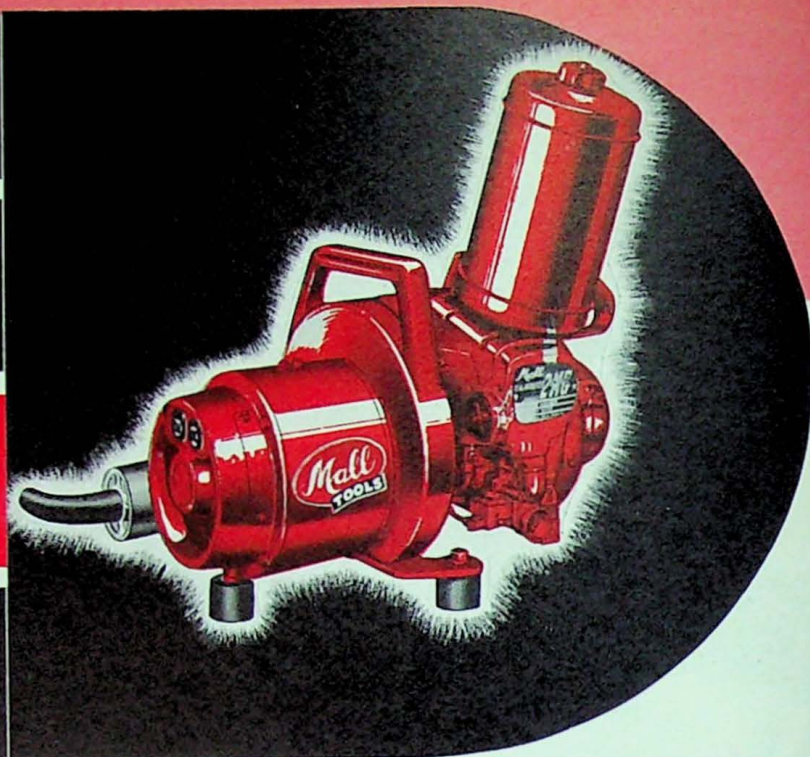
Bow swivels to cut in any position . . . trees like this are "match sticks".

MALL

PORTABLE

AC & DC ELECTRIC

GENERATORS



MODEL 1MD—1500 WATT DC. GENERATOR

This compact portable 75 pound generator gives you *immediate* power when and where you want it. Carry it anywhere you can walk. The perfect unit for operating electric chain saws, electric concrete vibrators, circular saws and other portable tools as well as floodlights and other electrical items requiring direct current.

It's powered by a MALL 2 cycle gasoline engine. Built to start fast in any weather. Equipped with a special muffler to keep noise at a minimum. This engine can be detached from the generator and used to power over a dozen attachments such as earth augers, pumps, concrete vibrators and surfacers, chain saws, and flexible shaft equipment for wire brushing, sanding, buffing and polishing (see chart on pages 44-45).

POWER OUTPUT: Produces 1500 watt, 120 volt direct current. Develops 12.5 amperes. Equipped with two standard double prong plug outlets. Will operate approximately 1½ hours with 1 gallon auxiliary gasoline tank connected.

IMPORTANT: Both of these generators must be operated with a MALL Model 2MG "Governed" Engine—otherwise generator burnout will result.

MODEL 1MA—1000 WATT AC. GENERATOR

Here is the **ONLY** portable AC. generator of its kind . . . an outstanding buy for either emergency duty or for everyday operation on construction jobs, farms, in camps and resorts. The complete unit weighs only 75 pounds. It can be easily carried by one man anywhere. Fits the back seat or trunk of a car with ease. Use the Model 1MA for powering universal AC-DC. motors, straight AC. motors and electrical appliances requiring alternating current.

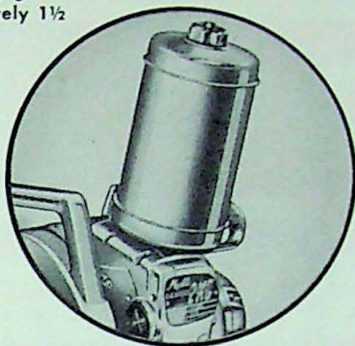
Powered by a MALL 2 cycle gasoline engine with fast-starting all-weather ignition, automatic rewind starter and special muffler for quiet operation. This engine can be detached from the generator and used to power over a dozen attachments (see chart on pages 44-45).

POWER OUTPUT: Produces 1000 watt, 120 volt, 60 cycle alternating current. Develops 8 amperes. Equipped with two standard double prong plug outlets. Will operate approximately 1½ hours with 1 gallon auxiliary gasoline tank.

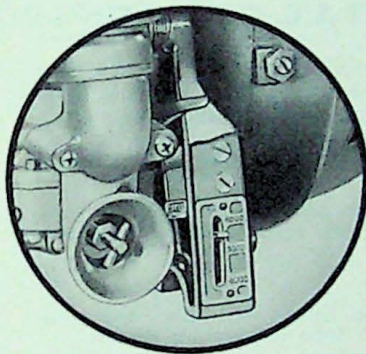
ENGINE SPECIFICATIONS

MALL single cylinder, 2 cycle, air-cooled gasoline engine is equipped with dust and moistureproof, quick-starting ignition, automatic rewind starter and trouble-free float type carburetor. Factory-set governor maintains correct operating speed. Can be manually reset to obtain higher or lower speeds. Trigger throttle locks for continuous operation. Engine is lubricated by mixing oil in the gasoline. Thousands of MALL engines are in daily production use. This model is time-tested and work-proved.

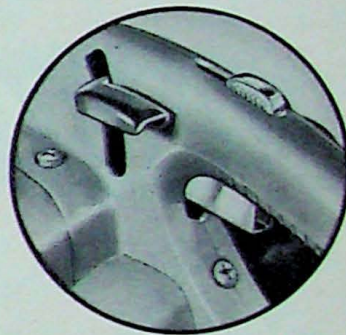
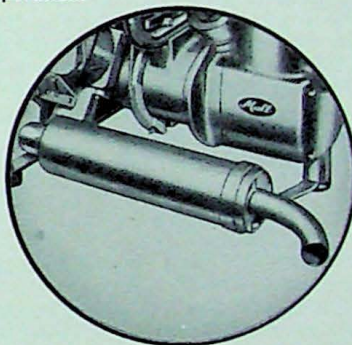
One gallon auxiliary gas tank for approximately 1½ hours of continuous operation.



Factory-set governor maintains correct operating speed.



Special engine Muffler for quiet operation.



Throttle locks for continuous operation.

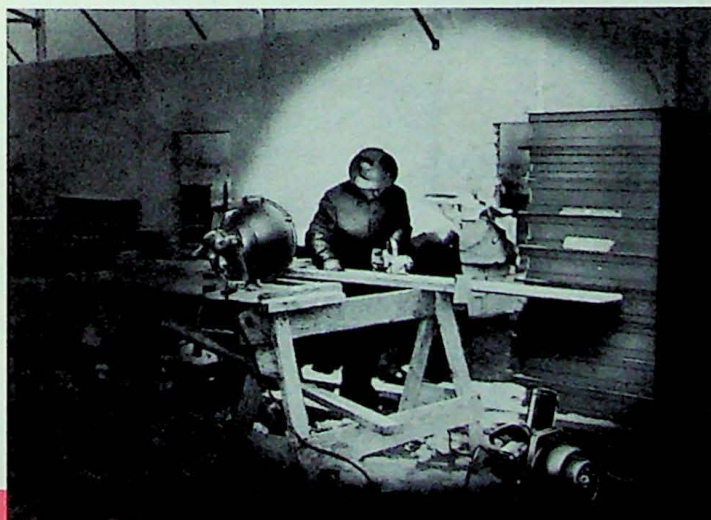
Motors use around twice their normal wattage when starting. This chart shows motors that may be safely started and operated by the Model 1MD—1500 Watt DC Generator.

WATTS REQUIRED BY ELECTRIC MOTORS

MOTOR SIZE	WHILE STARTING	RUNNING
1/6 HP.	500	275
1/4 HP.	750	350
1/3 HP.	1000	400
1/2 HP.	1200	550
3/4 HP.	*2000	800
1 HP.	*2700	1100

*Generators have an overload factor to handle momentary wattage loads nearly double their rated watt capacity.

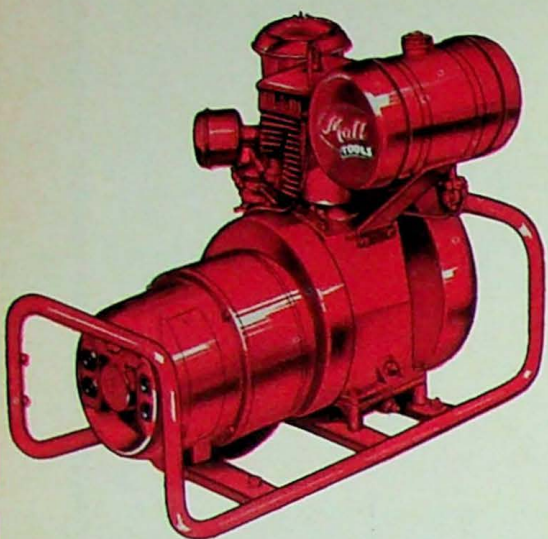
ELECTRICAL UNIT	AVERAGE WATTS REQUIRED
MALL 11E12 Chain Saw.....	1000
MALL 11E18 Chain Saw.....	1200
Circular Hand Saw (8").....	1200
Portable Drill (½").....	200-400
Portable Floodlights.....	200-500
Hot Plate (per burner).....	660-1000
Glow Heater.....	600-1000
Heating Pad.....	40-60
Flatiron (full size).....	660-1000
Toaster, Percolator, Waffle Iron.....	450-660
Radio (AC-DC).....	60-200



Immediate power for emergency flood lighting.



Powers electric tools anywhere and anytime.



MALL

HEAVY

DUTY

GENERATOR

MODEL 3WA—3000 WATT—120 VOLT A.C. GENERATING SET



Continuous duty portable generating set for supplying current to electrical equipment with AC. or universal AC-DC. motors and electrical systems requiring AC. Excellent as an everyday utility generator or as an emergency standby unit for power failures. Perfect generating set for operating lighting, electrical appliances, heating and pumping systems, freezers and refrigerators during power line failures.

Smooth, economical 4 cycle gasoline engine with governor to maintain correct operating speed. Generator has four twistlock receptacles for standard two-prong plugs.

Specifications

ENGINE: 1 cylinder, 4 cycle air-cooled gasoline. Speed 3600 rpm. Automatic governor. Rope starter. Oil bath air filter. Splash type lubrication system.

MOUNTING: Skid type mounting with rubber shock mounts—on easy rolling pneumatic wheels.

CURRENT SUPPLY: 120 volt, single phase, 60 cycle AC. Output 24 amperes at full governed speed. Four twistlock plug outlets.

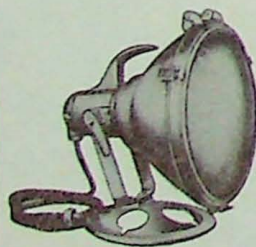
NET WEIGHT: 230 pounds.

SHIPPING WEIGHT: 250 pounds.

Model 3WAS — with skid mounting as shown.

Model 3WAW — with twin pneumatic wheels.

PORTABLE FLOOD LIGHTING



MODEL 50116 — TYPE MDB-10

Weatherproof light with clear heat resisting lens, aluminum reflector. Cast aluminum head housing with watertight bushing. Takes 200 watt bulb. Round aluminum base with angle setting adjustment. U. L. Approved cord and plug.



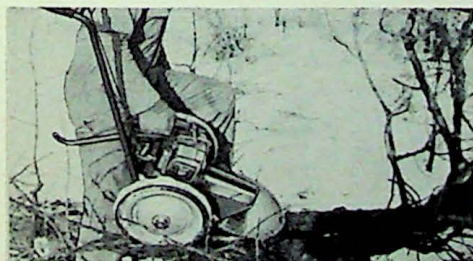
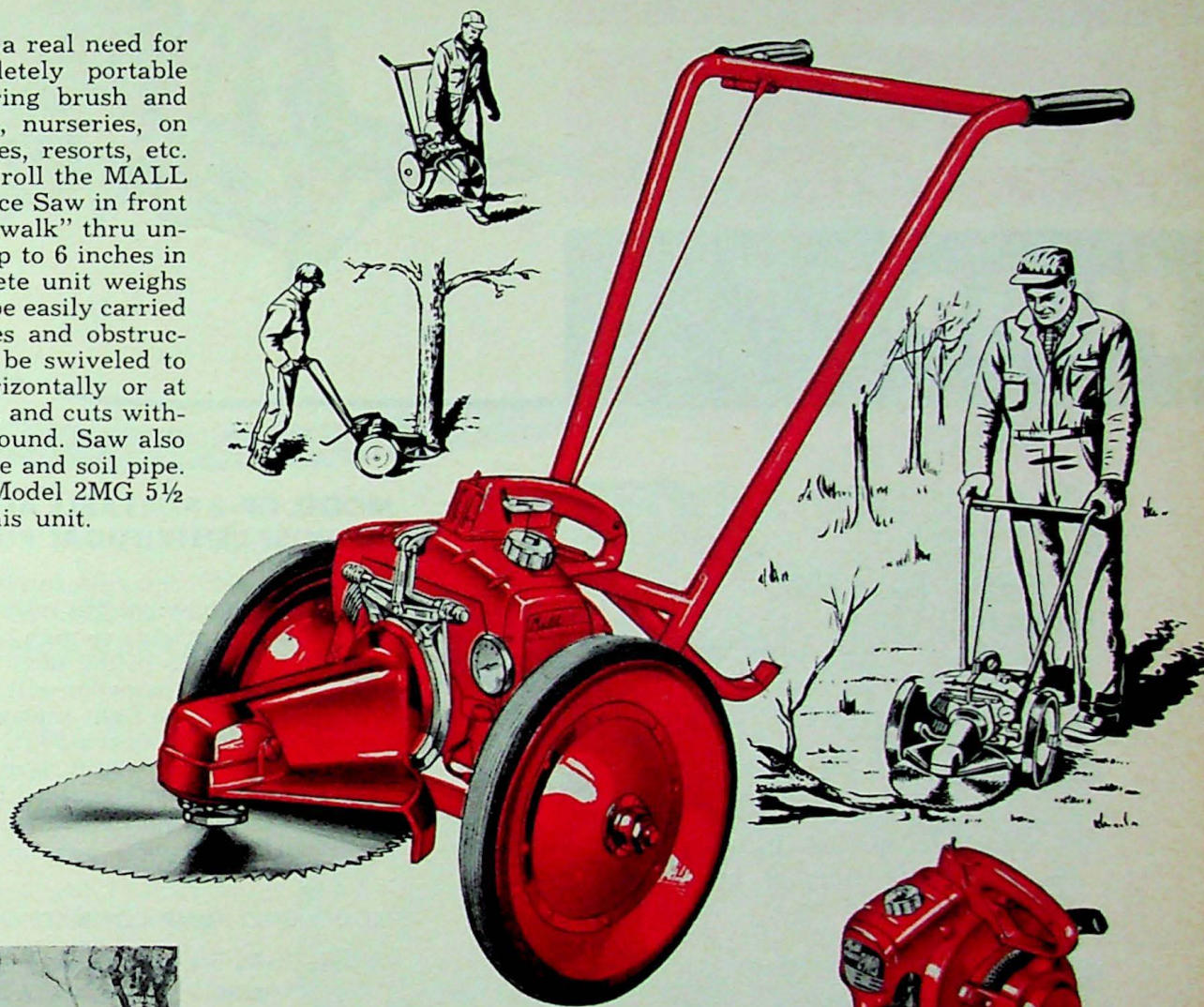
MODEL 50115 — TYPE MDR-14

Powerful 500 watt light suitable for medium short range. Firm 12" aluminum base with mounting screws. Porcelain Mogul Screw Type Socket. Front housing and reflector are polished aluminum on interior, finished with Alzak process. 10-ft. cable and plug.

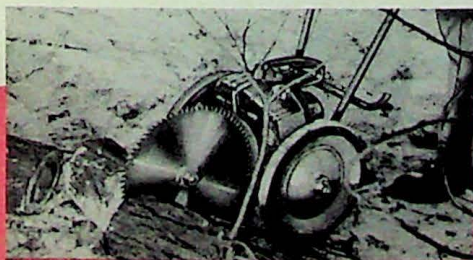
Mall

ONE MAN MOBILE LAND CLEARANCE SAW

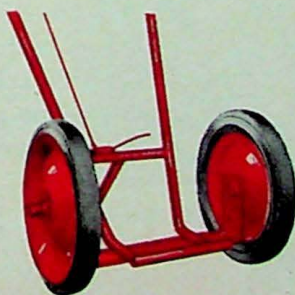
This new unit meets a real need for a fast, light, completely portable power saw for clearing brush and small trees in parks, nurseries, on farms, ranches, estates, resorts, etc. All you do is simply roll the MALL Mobile Land Clearance Saw in front of you and literally "walk" thru underbrush and trees up to 6 inches in diameter. The complete unit weighs only 60 pounds. Can be easily carried and lifted over fences and obstructions. The blade can be swiveled to cut vertically or horizontally or at in-between angles . . . and cuts within 2 inches off the ground. Saw also adapts to cut iron pipe and soil pipe. The famous MALL Model 2MG $5\frac{1}{2}$ hp. engine powers this unit.



Light enough to carry over obstacles.



A quick swivel adjustment and it's a vertical cutter.



THESE ATTACHMENTS MAY BE PURCHASED SEPARATELY FOR YOUR 2MG ENGINE

42640 MOUNTING: made of sturdy tubular steel. Wheels have hard rubber tires. Engine fastens to mounting with bolts (furnished with mounting) in holes already on the engine—no conversions required.

42540 TRANSMISSION-BLADE: 16 inch dia. blade. Transmission attaches to 2MG engine the same as the standard chain saw transmission.



2MG ENGINE ONLY
This dynamic $5\frac{1}{2}$ hp., single cylinder, 2 cycle air-cooled engine powers all the attachments shown on pages 44-45.

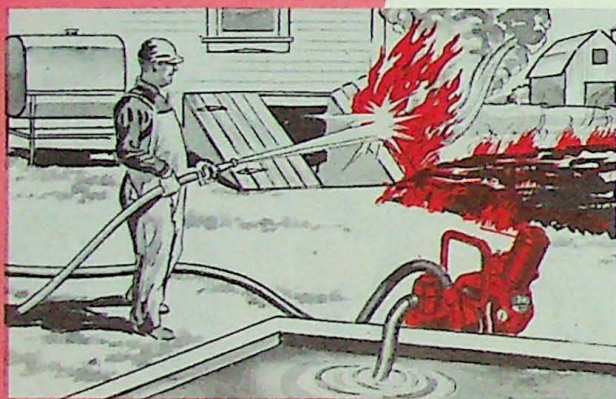
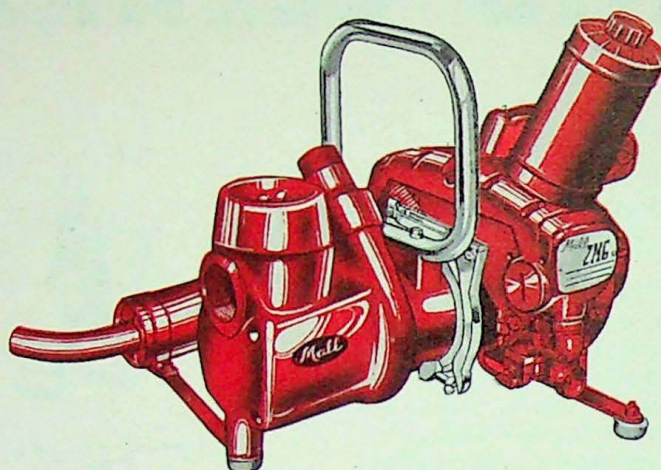


MALL

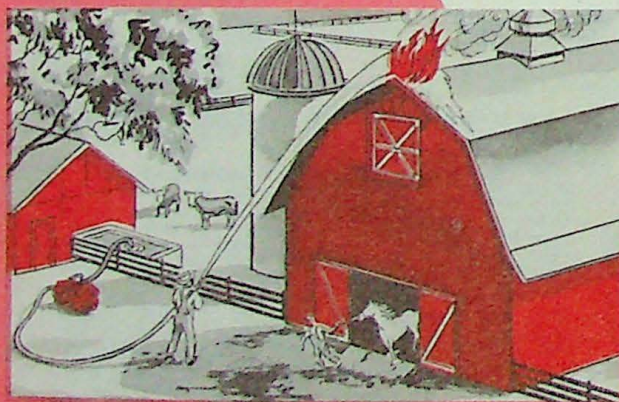
FIRE

UTILITY

PUMP



Fast-acting, non-clogging, operates from tank, trough, stream or lake.



Pumps 4800 gal. per hour against 50 ft. head—a 90 ft. stream thru 25 ft. discharge hose.

MODEL GP-2 PORTABLE ALL-PURPOSE CENTRIFUGAL PUMP

Completely self-contained, can be easily carried anywhere by one man. No mechanical priming devices. Pump retains enough water from previous operation to prime next run. Non-clogging, self-cleaning impellor will handle clear or muddy water, even light sewage. Pumps 4800 gallons per hour against a 50 ft. head—through 25 ft. of hose with a 90 ft. stream. Additional lengths of hose can be quickly clamped together. Standard 1½" pipe thread connections. Complete unit 44 lbs.

MODEL GP-2 PUMP CONSISTS OF:

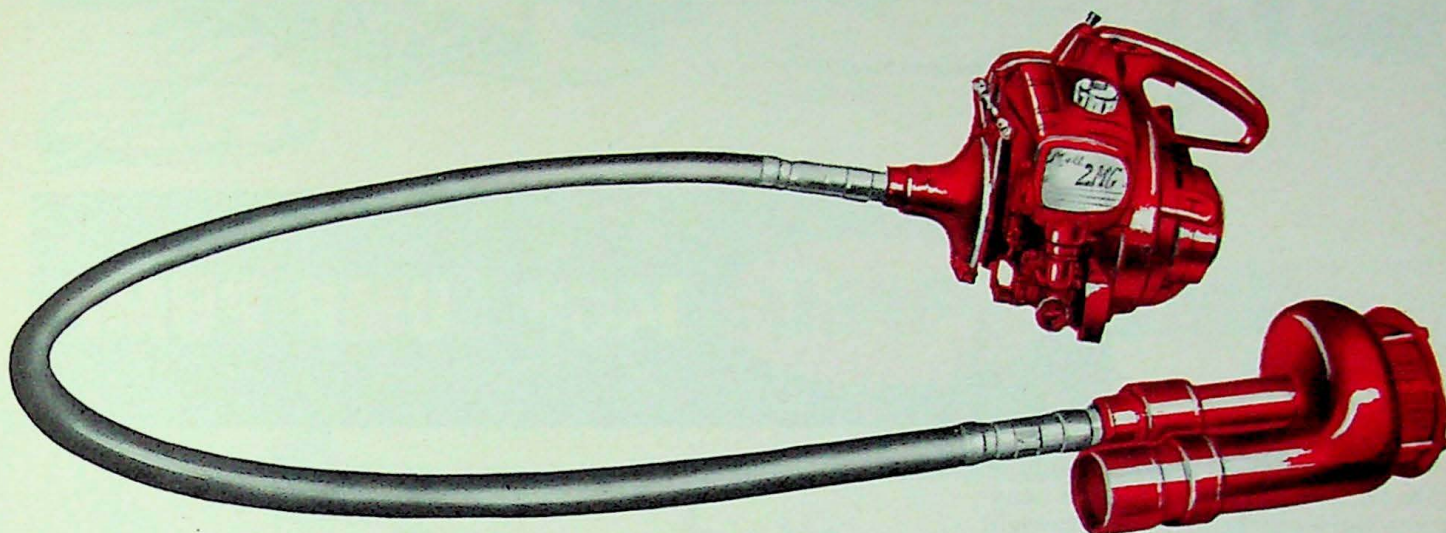
- 40890G 2MG 5½ hp. 2 cycle governed gasoline engine
- 45730 Pump
- 45731 Suction hose (12½ ft.)
- 52013 Discharge hose (25 ft.)
- 52015 Nozzle
- 52020 One gal. auxiliary gas tank
- 43496 Engine muffler

Mall

MODEL 2MGP SUMP PUMP

This portable pump can be used and carried anywhere by one man. Ideal for draining flooded excavations and forms, or for transferring water. It's self-priming—starts pumping immediately upon contact with the water. The impellor is self-cleaning and will not clog. It will handle

muddiest water. Pumps 1500 gallons per hour against a 10 ft. head. Powered by a MALL 5½ hp. 2 cycle gasoline engine with fast starting, all-weather ignition and automatic rewind starter. See parts breakdown below.



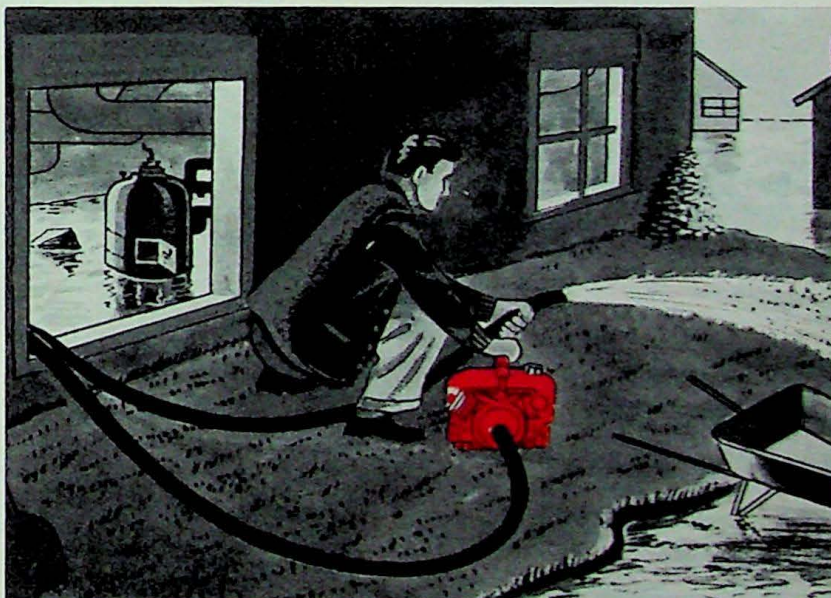
HERE'S HOW TO ORDER YOUR MALL MODEL 2MGP SUMP PUMP

Consists of:

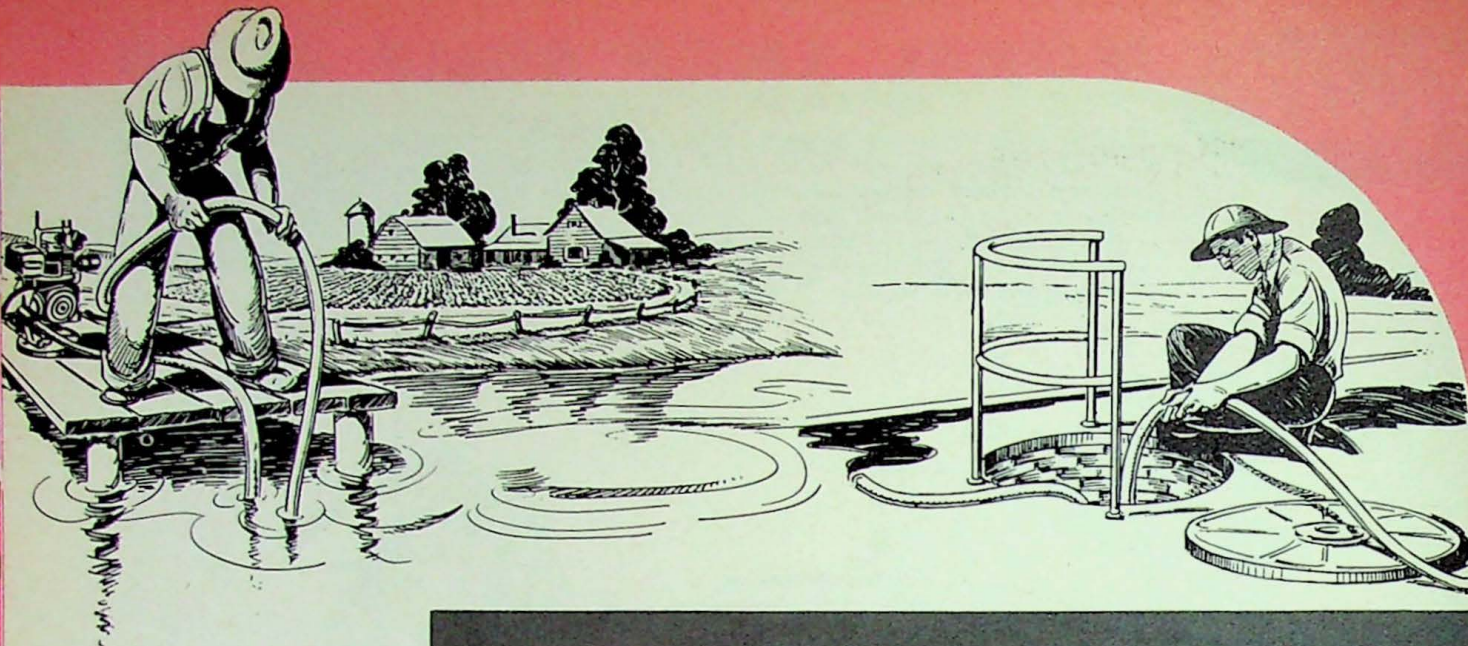
- 2MG 5½ hp. 2 cycle gasoline engine.
- 41710 Transmission.
- 32984B 7 ft. flexible shaft.
- 36682B 7 ft. shaft housing.
- 53533 Sump pump with 12 ft. discharge hose.

Conversion Feature

The MALL Model 2MG Gasoline Engine used on this pump can also be used to power over a dozen interchangeable attachments such as earth augers, wood drills, chain saws, grinders, sanders and many other power tools. See attachment chart on pages 44 and 45.



Ideal for draining basements and excavations. Self-priming starts pumping on contact with water.



Mall

14GP SUMP PUMP

This fast-acting, 5 hp. gasoline engine, centrifugal sump pump combines heavier pump performance with lightweight portability. For draining forms, excavations, trenches, manholes, tunnels, caissons. Ideal for watering concrete mixers and other equipment. No priming is needed. Impellor is non-clogging . . . pumps any kind of water—muddy, silt, oily or sewage. This machine easily, economically converts to concrete vibrating, concrete rubbing, surfacing, wire brushing, grinding, sanding and drilling.

SPECIFICATIONS

ENGINE: 5 hp. air-cooled, variable speed gasoline engine, from 2200 to 3200 rpm. Equipped with an air and fuel cleaner, adjustable speed governor for steadier, more economical operation, crank starter, 1 Gal. fuel tank and 3-pt. oil case.

MOUNTING: Round 360° swivel base.

SHAFT: Made of high carbon steel wire wound solid to the center. Hardened ends.

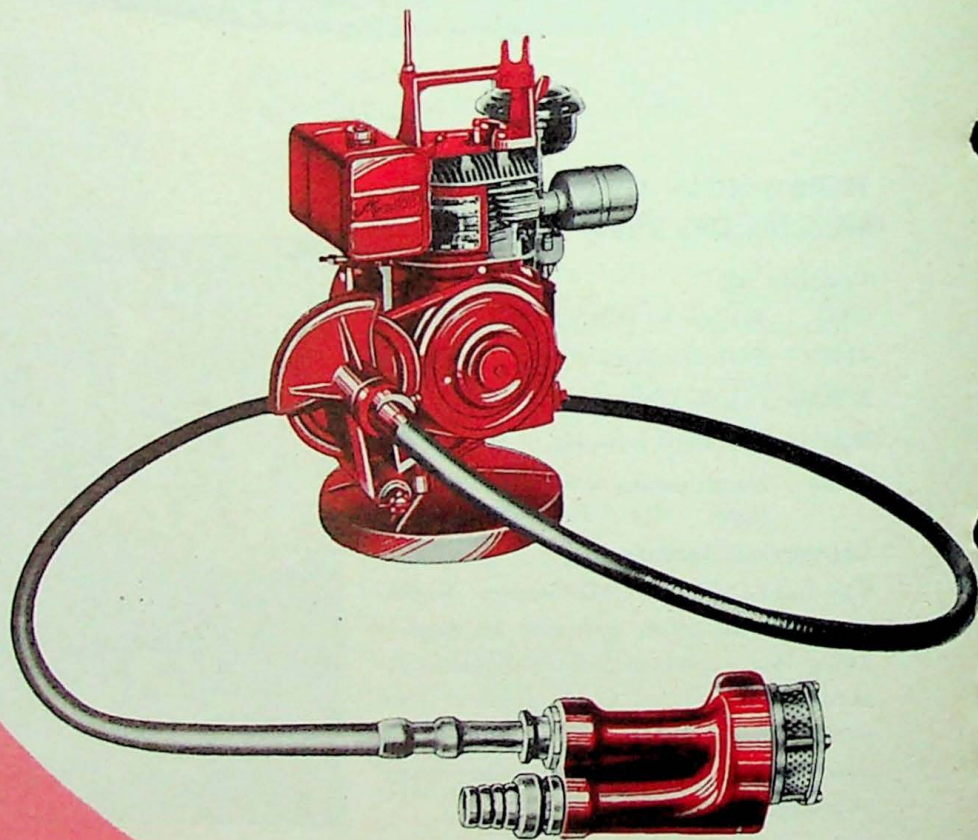
SHAFT HOUSING: MALL continuous bearing type for long life. Rubber covered.

COUPLINGS: Shaft and housing couplings are full ball bearing mounted for cool smooth vibrationless operation.

SUMP PUMP: Has capacity of 4500 gallons per hour against a 25-foot head. Equipped with a self-priming, non-clogging impellor. Has a 2-inch NPT internal thread hose connection. Also furnished with a 2-inch close male nipple and 2-inch pipe coupling.

Consists of:

- 14G 5 hp. gasoline engine on round base mounting.
- 35814 No. 4 x 7 ft. flexible shaft (order 3).
- 21070 No. 4 x 7 ft. flexible housing (order 3).
- 35820 Ball bearing coupling (order 2).
- 9720P Sump pump.



This 2 h.p. gasoline engine, centrifugal sump pump (weight only 55 lbs.) can be carried easily by one man to any job, anywhere. It's self-priming, non-clogging impellor pumps 1500 gallons per hour against a 10-foot head. It comes with a 12 foot flexible shaft and housing, but equips with additional sections for longer lengths. Its gasoline engine, built for simplicity, is easy to maintain in the field, very little to go wrong or adjust. It can also be used for concrete vibrating, rubbing, wire brushing and other jobs . . . will pay for itself in no time.

SPECIFICATIONS

ENGINE: 2 hp. air-cooled, variable speed, gasoline engine, from 2600 to 3600 r.p.m. Direct drive, 2 qt. fuel tank and 1/3-pt. oil case.

MOUNTING: Anti-creep, round, 360° swivel base. Engine and mounting net weight 55 lbs.

SHAFT: Made of high carbon steel wire wound solid to center. Hardened ends.

SHAFT HOUSING: Mall continuous bearing type for longer life. Rubber covered for greater resistance against dirt and abrasion.

SUMP PUMP: Has capacity of 1500 gals. per hour against a 10 foot head. Equipped with a self-priming, non-clogging impellor.

Consists of:

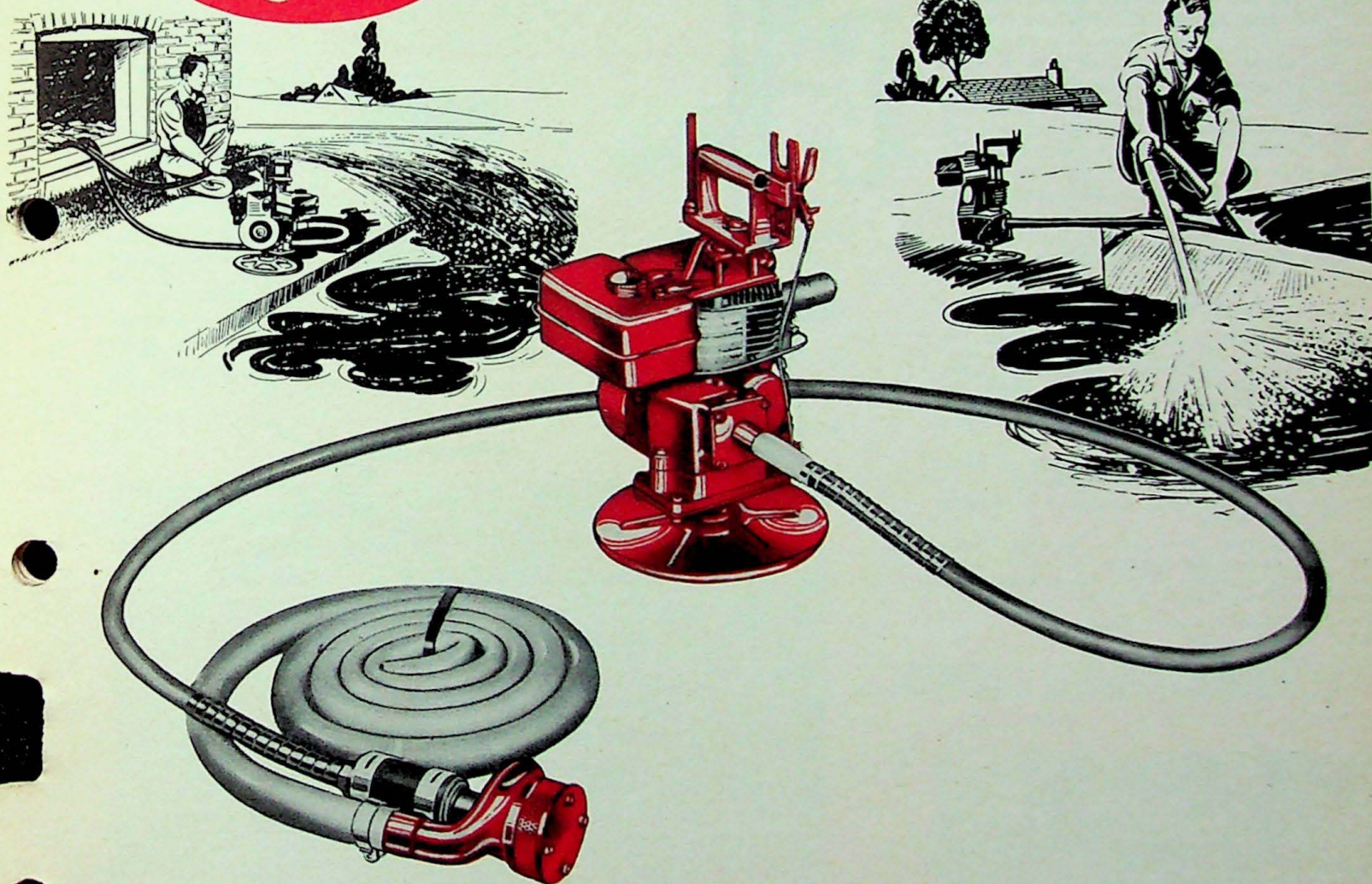
8G 2 HP. gasoline engine on round base mounting.

32952B No. 35 by 12 ft. flexible shaft.

7320B No. 35 by 12 ft. flexible housing.

53533 Sump pump with 12 foot water exhaust hose.

Mall 8GP SUMP PUMP



Mall

2MG EARTH AUGER

The machine does ALL the work . . . two men simply guide it.

USE ANYWHERE TO DRILL HOLES UP TO 5 FT. DEEP

Use this new MALL Earth Auger anywhere for it's completely self-contained . . . no generators, air compressors or power lines required. Two men can carry it right to the spot and drill 6 to 12 inch diameter holes up to 5 ft. deep with amazing speed. MALL's special transmission delivers a full 95% of the engine's 5½ hp. to the auger. The machine does all the work—the two man crew merely guides it. No other method of portable power digging produces such fine results so fast and easy. And it is easy to carry from hole to hole. Come in for a FREE demonstration.

SPECIFICATIONS

ENGINE: 5½ hp., 2 cycle, single cylinder, air cooled gasoline. All weather ignition. All position float type carburetor. Automatic clutch. One-hand automatic rewind starter. Safety ignition switch. Fingertip throttle control. Chrome plated fittings. Die cast aluminum-magnesium construction.

AUGERS: Replaceable cutting blade of hardened steel. Pilot auger is stellite tipped.

AUGER EXTENSIONS: Available in lengths for 5 ft. deep holes.

TRANSMISSION: One-piece housing. Gears have 95% power transmitting efficiency. Gears turn in liquid grease. Shafts operate on long-wearing ball and needle bearings.

Model No. 2MG Gasoline Engine.

41400 Transmission.

41700 Engine Handlebars.

40375 6-inch diameter Auger.

Equipment includes Engine, Transmission, Handlebars and 6" Auger for drilling 2½ ft. deep holes.

POWER UNIT CONSISTS OF:

ENGINE: Model 2MG, 5½ HP., single cylinder, 2 cycle, air cooled type.

ENGINE TRANSMISSION: No. 41400.

HANDLEBARS: No. 41700.

ADDITIONAL EARTH AUGERS

- 40375 6-inch diameter auger
- 40374 9-inch diameter auger
- 40795 12-inch diameter auger
- 41105B 30-inch Extension (5 ft. holes)

RAFTING WOOD AUGERS

- 51370 1¾" diameter auger
- 50950 2½" diameter auger
- 50571 4" diameter auger

CORE DRILLS

- 43370 Carbide tipped core drill with 3" I.D. for stone, cement, asphalt

Prices and specifications subject to change

POUND WEIGHTS (Engine, transmission, auger)

Auger Size	NET Weight	Ship. Weight
6"	75 lbs.	80 lbs.
9"	92 lbs.	97 lbs.
12"	93 lbs.	98 lbs.



Makes holes fast . . . easy!



POWER DRILLS

WOOD, CONCRETE, METAL
BORING COMBINATIONS

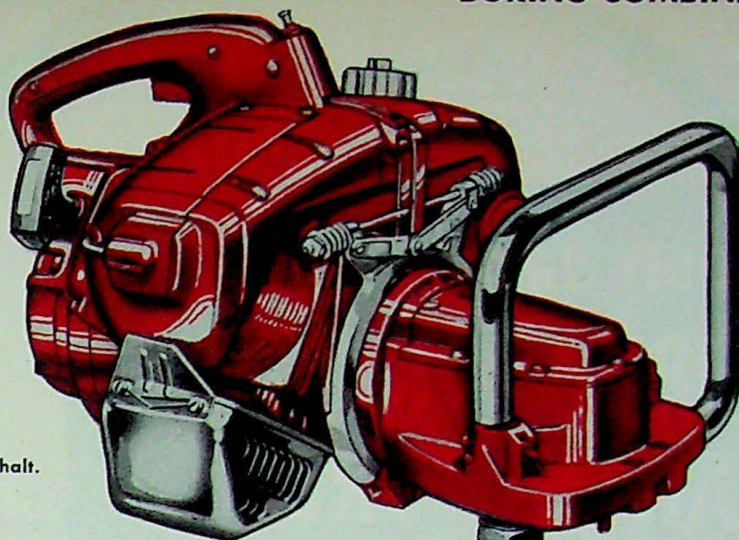
ENGINE: Model 2MG, 5½ h.p.

ENGINE TRANSMISSION: No. 43180

For straight or pinchless chain saw
For drill attachments

CHUCK-ADAPTER ASSEMBLY No.
52047

Consists of ¾" geared type chuck
and tightening key and adapter



With Carbide Tipped Core Drill, samples stone, concrete, asphalt.

This famous MALL Model 2MG, 5½ h.p., single cylinder, 2 cycle, air cooled gasoline engine, with 40910 engine transmission and 52057 chuck-adapter assembly (all included in price) drives augers and drills for wood, metal, earth and concrete boring. With same transmission, but with chuck-adapter assembly removed, engine operates straight or pinchless chain saw attachments. Present owners of MALL 2MG CHAIN SAWS need purchase only the chuck-adapter assembly and drills to convert their saw engines for drilling.



- Drills holes for stump blasting.
- Bores large logs for chaining.
- Drills heavy building timbers.

AUGER SIZES

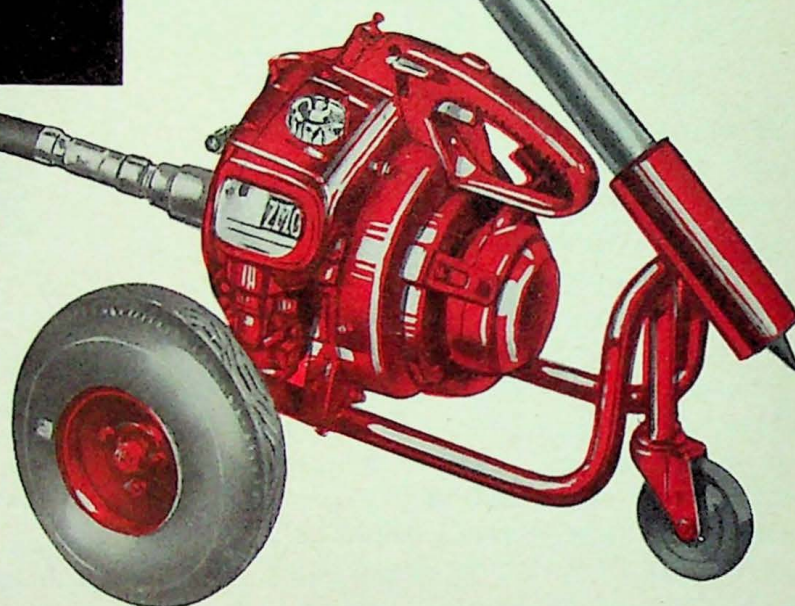
Auger No. 52048	Size 1¼"
Auger No. 52048A	Size 1½"
Auger No. 52048B	Size 1¾"
Auger No. 52048C	Size 2"
Auger No. 52048D	Size 2½"

43370 Carbide tipped core drill with 3" I.D. for stone, cement, asphalt.



Drilling before blasting.

MODEL 2MGVEB VIBRATORY EARTH BORER



BORES HOLES
UNDER WALKS AND
DRIVEWAYS
IN SECONDS WITHOUT
REMOVING SOIL

This is the newest, easiest, most cost-saving unit ever designed for boring holes under walks and driveways. Electrical contractors can now lay underground piping and wiring in minutes at a fraction of old costs. Back-breaking, time-consuming sledge and bar, pick and shovel methods are eliminated. The operator merely aims the pointed vibrating head and pushes it through to bore a 2" diameter hole up to 20 ft. long. No soil is removed! Powered by a MALL 5½ hp. 2 cycle engine that can be easily rolled right to the spot.

MODEL 2MGVEB VIBRATORY EARTH BORER WITH 21 FT. OF FLEXIBLE SHAFT CONSISTS OF:

- | | | | |
|----------|---|--|--|
| 1-2MG | 5½ hp., single cylinder, 2 cycle, air cooled gasoline engine. | 2-35820 | Ball bearing couplings to connect flexible shafts. |
| 1-43310 | Twin pneumatic wheel mounting. | 1-51390B | Boring head. |
| 1-41710 | Transmission (attaches flexible shaft to engine). | IF ADDITIONAL FLEXIBLE SHAFT IS REQUIRED ORDER THE FOLLOWING ITEMS: | |
| 3-35814 | 7 ft. lengths of flexible shaft. | 35814 | 7 ft. length of flexible shaft. |
| 2-21070 | 7 ft. lengths of flexible shaft housing. | 21070 | 7 ft. length of flexible shaft housing. |
| 1-19170P | 7 ft. length of flexible shaft housing. | 35820 | Ball bearing coupling to connect flexible shafts. |



Bores a 2 inch diameter hole straight through to the opening at the other side of the walk.

THIS GASOLINE ENGINE OPERATES ALL OF THE ATTACHMENTS SHOWN ON PAGES 44 AND 45

Mall

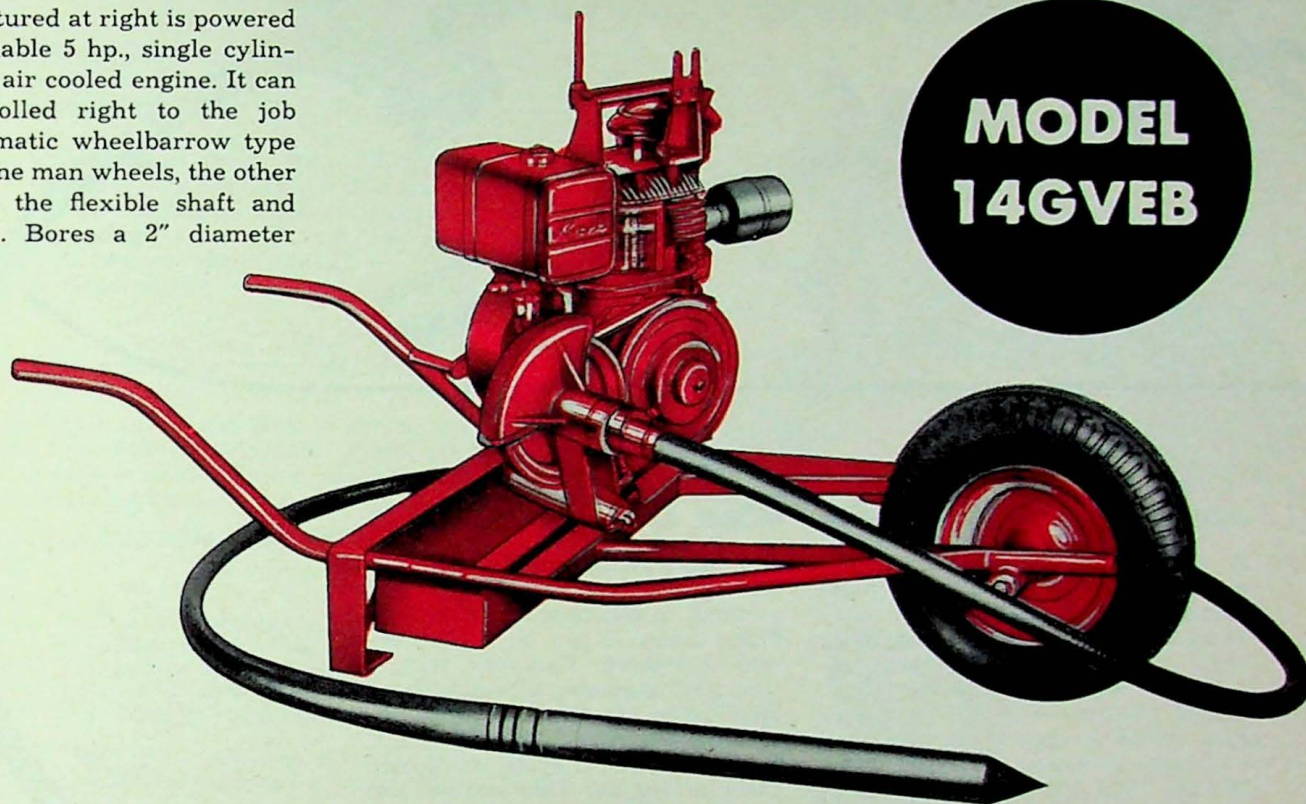
VIBRATORY EARTH BORER

MALL Earth Borer is the only one of its kind on the market. It has solved one of the costly bottlenecks confronted daily by construction workers in laying pipe and conduit under sidewalks and driveways. It bores a fast, clean hole without removing soil. A

MALL Earth Borer will pay for itself in no time, for one man can bore a hole under a walk or driveway in seconds. Stays right on a straight course all the way through the soil. Easy to operate too . . . any worker can use it expertly the first time.

MALL 4 CYCLE EARTH BORER

The unit pictured at right is powered by a dependable 5 hp., single cylinder, 4 cycle, air cooled engine. It can be easily rolled right to the job on its pneumatic wheelbarrow type mounting. One man wheels, the other man carries the flexible shaft and boring head. Bores a 2" diameter hole.



**MODEL
14GVEB**

**ELIMINATES COSTLY, TIRING
SLEDGE AND ROD AND PICK
AND SHOVEL METHODS**



MODEL 14GVEB VIBRATORY EARTH BORER WITH 21 FT. OF FLEXIBLE SHAFT CONSISTS OF:

- 1—14GV 5 hp., single cylinder, 2 cycle, air cooled gasoline engine.
- 1—6640 Wheelbarrow type mounting.
- 3—35814 7 ft. lengths of flexible shaft.
- 2—21070 7 ft. lengths of flexible shaft housing.

- 1—19170P 7 ft. length of flexible shaft housing.
- 2—35820 Ball bearing couplings to connect flexible shafts.
- 1—51390B Boring head.

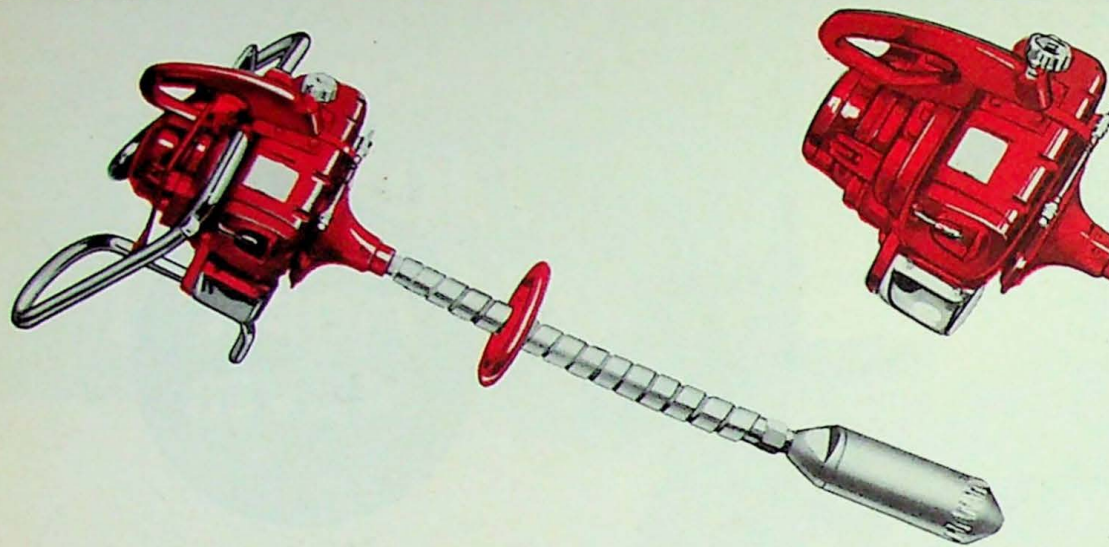
IF ADDITIONAL FLEXIBLE SHAFT IS REQUIRED ORDER THE FOLLOWING ITEMS:

- 35814 7 ft. length of flexible shaft.
- 21070 7 ft. length of flexible shaft housing.
- 35820 Ball bearing coupling to connect flexible shafts.

Roll right to the spot. One man wheels the unit, another man carries the flexible shaft and head.



CONCRETE VIBRATORS



LIGHTWEIGHT ONE MAN UNITS

MODEL 2MGV MASS VIBRATOR

A completely self-contained one man unit for vibrating large mass areas such as floors, thick wall sections and foundations. Has a large $4\frac{1}{2}$ " diameter vibrating head attached to sturdy 2 ft. flexible shaft. The shaft is covered with a protective metal wrapping to withstand constant abrasion. Powered by a MALL 2MG $5\frac{1}{2}$ hp., single cylinder, 2 cycle air cooled gasoline engine.

MODEL 2MGV FORM VIBRATOR

This unit is designed specifically for vibrating concrete in thin wall sections, in pillars and similar confining areas. It can be easily carried anywhere. Equipped with a slim $2\frac{3}{8}$ " diameter vibrating head attached to 7 ft. flexible shaft. Powered by the MALL 2MG $5\frac{1}{2}$ hp., single cylinder, 2 cycle, air cooled gasoline engine. This engine also operates all of the attachments shown on pages 44 and 45.

MODEL 2MGV MASS VIBRATOR WITH 2 FT. SHAFT

Consists of:

- 2MGV $5\frac{1}{2}$ hp. gasoline engine.
- 50870 Engine handle bars.
- 51211 Shaft handle.
- 41710 Direct drive transmission.
- 35814B 2 ft. flexible shaft.
- 36920 2 ft. flexible shaft housing.
- 37770 $4\frac{1}{2}$ " x 10" vibrating head.

MODEL 2MGV FORM VIBRATOR WITH 7 FT. SHAFT

Consists of:

- 2MGV $5\frac{1}{2}$ hp. gasoline engine.
- 41720 Transmission.
- 35814 7 ft. flexible shaft.
- 21070 7 ft. flexible shaft housing.
- 35640 $2\frac{3}{8}$ " x 12" vibrating head.

Specify "mass" or "form" vibrator when ordering.



MALL transmission delivers 95% of power to vibrator head.

For stronger concrete at lower cost! MALL High-Frequency Concrete Vibrators give concrete increased compressive and flexural strength . . . increased density and water tightness . . . lower absorption . . . increased resistance to weathering . . . better bond between concrete and reinforcement . . . less volume change . . . less tendency for segregation . . . earlier removal of forms . . . earlier finishing of surfaces . . . less patching on finished job . . . complete compaction where it is impossible to spade and rod by hand.

MODEL 14GV23, 5HP GASOLINE ENGINE CONCRETE VIBRATOR WITH 7,000 OR 10,000 RPM

This unit, consisting of 5 h.p., 4 cycle, air cooled variable speed engine on pneumatic tired wheelbarrow mounting, is available with:

- (1) Countershaft belt drive with top speed of 7,000 r.p.m. to low speeds for wet rubbing, form sanding, etc. Vibrating head with top speed of 7,000 r.p.m., choice of 21 or 28 ft. flexible shafts in 7 ft. sections, or with:
- (2) Top countershaft speed vibrating head for 10,000 r.p.m. and different shaft housing that connects to head.

Engine has 1 gallon gas tank, 3 pt. oil case, air and fuel cleaner, adjustable speed governor, crank starter. Entire machine can be easily rolled by one man.

14GV23, 7,000 RPM. UNIT WITH 21 FT. SHAFT

Consists of:

- 1—Model 14GV, 5 hp. gasoline engine.
- 1—6640 Wheelbarrow mounting.
- 2—35814 7 ft. lengths of flexible shaft.
- 2—21070 7 ft. lengths of shaft housing.
- 1—35820 Ball bearing coupling for shaft sections.
- 1—19910P 2 3/8" x 20" 7000 rpm. vibrating head with 7 ft. flexible shaft, housing and coupling.

ABOVE UNIT CAN ALSO BE FURNISHED WITH ADDITIONAL LENGTH OF FLEXIBLE SHAFT AND HOUSING

Order:

- 1—35814 7 ft. length of flexible shaft.
- 1—21070 7 ft. length of shaft housing.
- 1—35820 ball bearing coupling.

This unit can be used to power attachments for pumping, concrete surfacing, sanding, wire brushing and many other jobs. See attachment listings starting on page 48.

14GV23, 10,000 RPM. UNIT WITH 21 FT. SHAFT

Consists of:

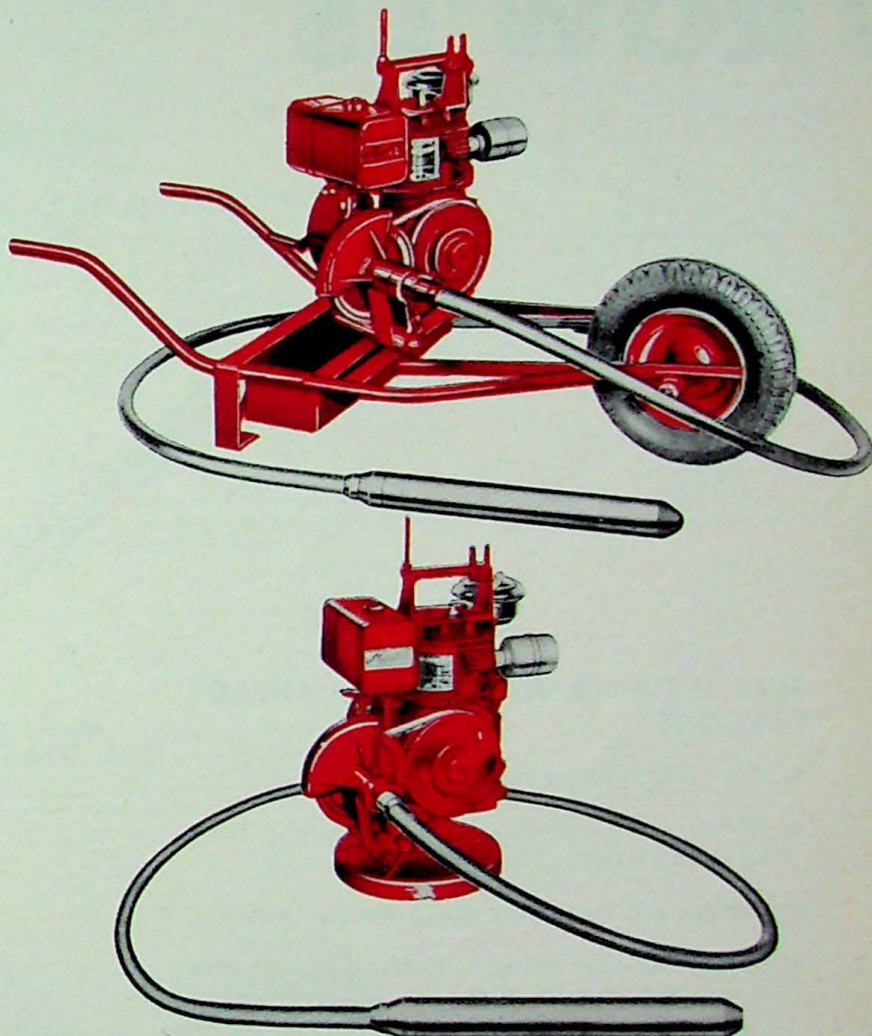
- 1—Model 14GV, 5 hp. gasoline engine.
- 1—6640 Wheelbarrow mounting.
- 3—35814 7 ft. lengths of flexible shaft.
- 3—21070 7 ft. lengths of shaft housing.
- 2—35820 ball bearing couplings for shaft sections.
- 1—V23 2 3/8" x 20" 10,000 rpm. vibrating head.

ABOVE UNIT CAN ALSO BE FURNISHED WITH ADDITIONAL LENGTH OF FLEXIBLE SHAFT AND HOUSING FOR 28 FT. UNIT.

Order:

- 1—35814 7 ft. length of flexible shaft.
- 1—21070 7 ft. length of shaft housing.
- 1—35820 ball bearing couplings.

This unit can be used to power attachments for pumping, concrete surfacing, sanding, wire brushing and many other jobs. See attachment listings starting on page 48.



MODEL 14GV23 GASOLINE ENGINE CONCRETE VIBRATOR—ROUND BASE

This model has same components as the wheelbarrow model (see column at left) except for the round base on which the engine swivels a full 360°. You can obtain this unit with either the 7,000 rpm. or 10,000 rpm. vibrating head—with either 21 ft. or 28 ft. of flexible shaft and housing. When ordering, specify type mounting, speed and length of flexible shaft desired.

14GV23 7000 RPM. UNIT WITH 21 FT. SHAFT.
Includes round base mounting

14GV23 7000 RPM. UNIT WITH 28 FT. SHAFT.
Includes round base mounting

14GV23 10,000 RPM. UNIT WITH 21 FT. SHAFT.
Includes round base mounting

14GV23 10,000 RPM UNIT WITH 28 FT. SHAFT.
Includes round base mounting

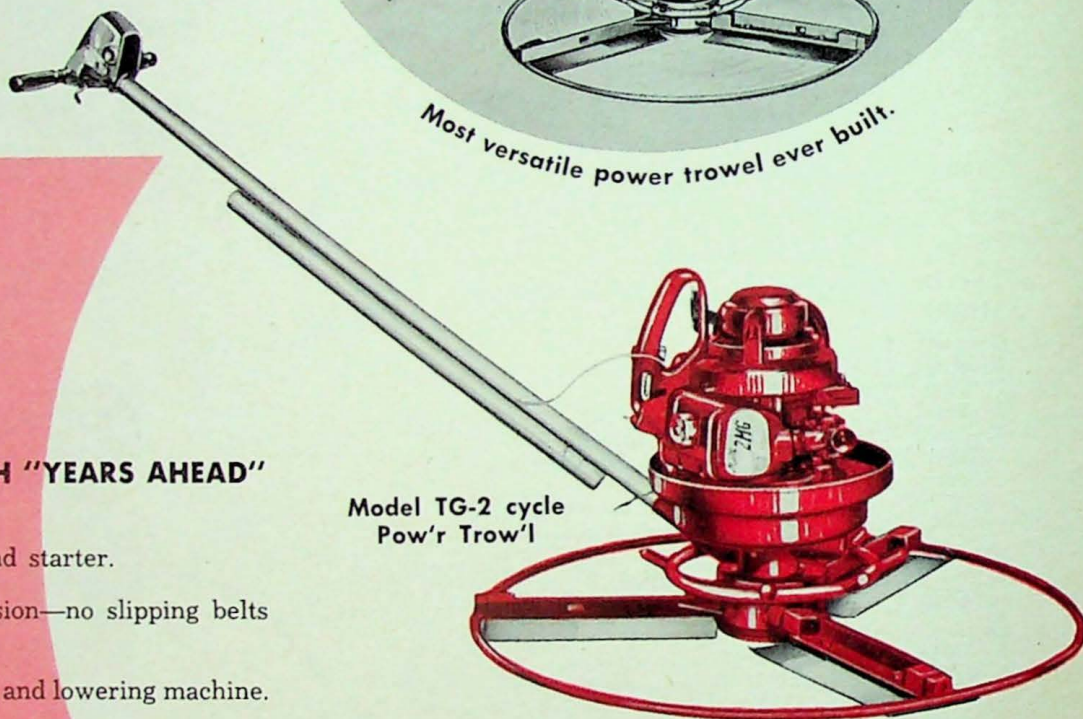
Specify mounting, speed and shaft length.

Mall

POW'R TROW'LS



Most versatile power trowel ever built.



Model TG-2 cycle
Pow'r Trow'l

SETS THE PACE WITH "YEARS AHEAD" FEATURES

- New automatic rewind starter.
- Direct gear transmission—no slipping belts to steal power.
- Lifting eye for raising and lowering machine.
- Safety throttle control. Release handle and ring stops, engine idles. No stalling.
- Quick-clamp ring for changing engine. No bolts, nuts or belts.
- Extra strong $\frac{5}{8}$ " dia. trowel ring in 26", 36" and 45" sizes.
- Reversible shoes and blades. Both edges can be used for double wear.
- Also available with 110/220 volt AC. electric and pneumatic power heads.

MALL is the most advanced troweling machine built. Available with three interchangeable ring sizes to meet *all* job requirements. Choice of 4 cycle or 2 cycle, single cylinder, air cooled gasoline engine. Features new automatic rewind starter. Power heads can be changed in an instant with the exclusive MALL "quick-clamp" ring. No bolts or belts. Direct gear transmission—no power loss from belt slippage. Also powers floating disc and grinding-grouting head.

Mall

POW'R TROW'L ATTACHMENTS

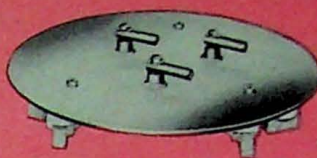


FLOATING DISC

51900—a 23-inch diameter disc for smoothing dry tamp floors (minimum water content). Easily mounts into blade arm sockets. Can be used with any one of four MALL power heads.

TROWEL RINGS

- 52627 26" Diameter Trowel Ring.
- 51116 36" Diameter Trowel Ring.
- 51696 45" Diameter Trowel Ring.



GRINDING-GROUTING HEAD

52455—a 23-inch diameter disc with 3 perforated stone grinding heads — to dry grind or wet grout concrete floors. Mounts any of 4 MALL power heads.

52337 Replacement stones, 3 sets required (set of 3).

BLADE ARMS

- 52625 Arms for 26" Ring (set of 3).
- 50275 Arms for 36" Ring (set of 3).
- 50276 Arms for 45" Ring (set of 3).



FINISHING BLADES

- 52621 26" Combination Finishing and Floating Blade (set of 3).
- 51205A 36" Finishing blade (set of 3).
- 51754A 45" Finishing blade (set of 3).

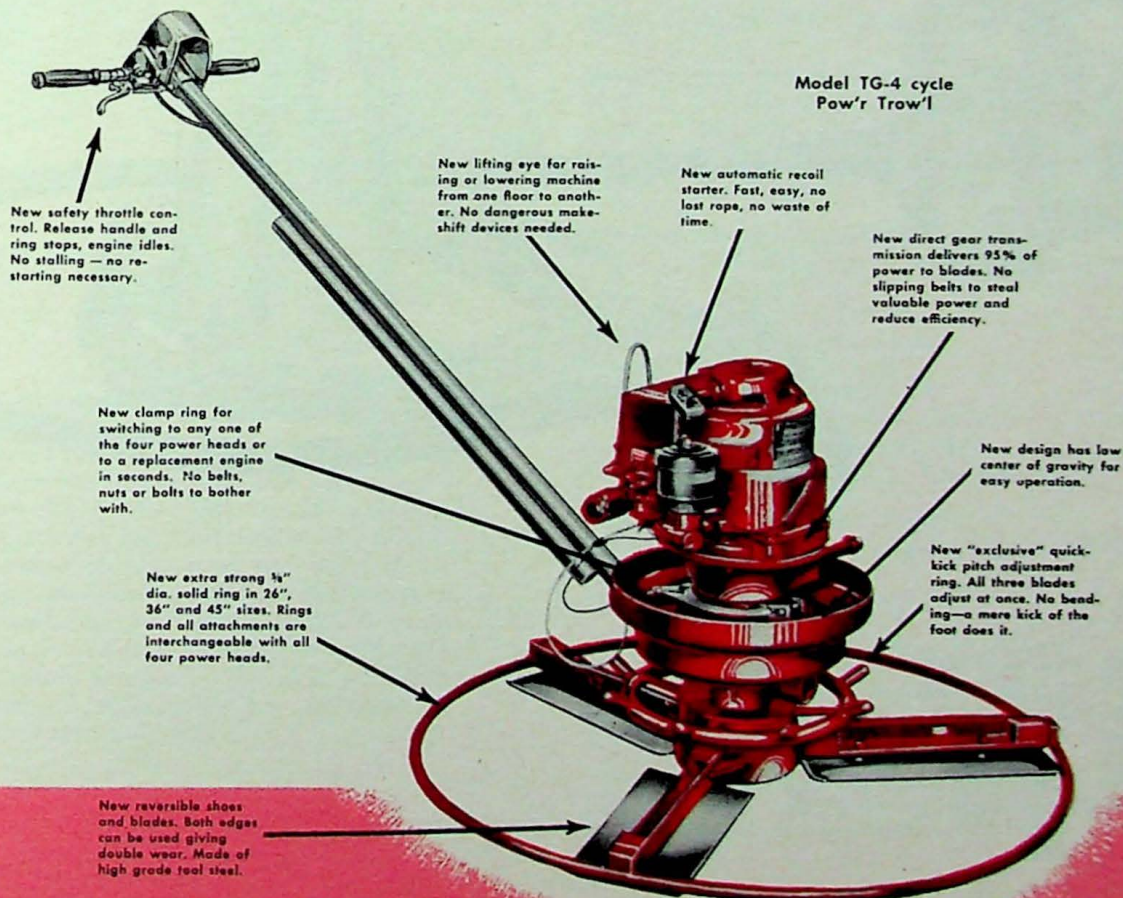
FLOATING SHOES

- 51756A 36" Floating shoe (set of 3).
- 51760A 45" Floating shoe (set of 3).

SPECIFICATIONS

Model	Power Unit	Ring Size	Trowel Speed	Float Shoe	Finishing Blade	Net Weight	Ship. Weight
TG-4-26 4 cycle gasoline	51708	26"	128 rpm.	6" x 9" COMBINATION BLADE FOR FLOATING AND FINISHING		115 lbs.	130 lbs.
TG-4-36 4 cycle gasoline	51708	36"	100 rpm.	10" x 14"	6" x 14"	125 lbs.	140 lbs.
TG-4-45A 4 cycle gasoline	51708A	45"	75 rpm.	10" x 18"	6" x 18"	140 lbs.	155 lbs.
TG-2-26 2 cycle gasoline	2MG	26"	128 rpm.	6" x 9" COMBINATION BLADE FOR FLOATING AND FINISHING		115 lbs.	130 lbs.
TG-2-36 2 cycle gasoline	2MG	36"	100 rpm.	10" x 14"	6" x 14"	125 lbs.	140 lbs.
TG-2-45 2 cycle gasoline	2MG	45"	75 rpm.	10" x 18"	6" x 18"	135 lbs.	150 lbs.

STANDARD EQUIPMENT—Machines in chart above are furnished complete with finishing blades, canvas weight bags, heavy water-proof hood for power head and blade changing wrench. Specifications subject to change.



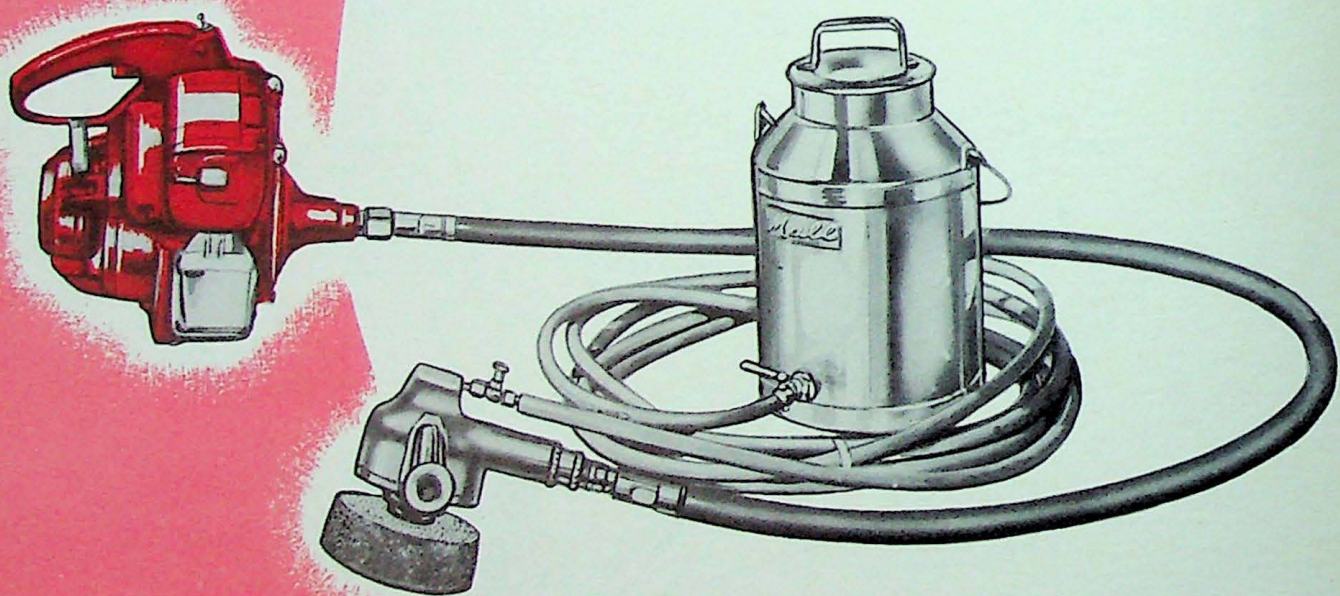


2MG CONCRETE SURFACER

FOR WET RUBBING—CAN BE CARRIED ANYWHERE

This lightweight one-man unit offers unique operating freedom and ease. Lightweight and compact, it can be easily carried to hard to reach spots on scaffolding. It's powered by the work-proved, time-tested MALL 2MG 5½ hp. single cylinder, 2 cycle air cooled gasoline engine. Furnished complete with all equipment for wet rubbing. This unit can also power many other attachments—see the page at right.

- SELF-CONTAINED
- NO CORDS OR LINES TO FOUL
- LIGHTWEIGHT AND COMPACT
- POWERS OTHER ATTACHMENTS

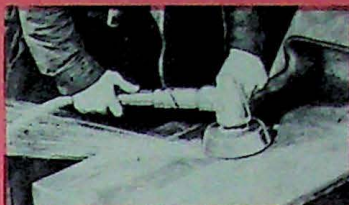


MODEL 2MG CONCRETE SURFACER CONSISTS OF:

- | | |
|--------|--|
| 2MG | 5½ hp. 2 cycle gasoline engine. |
| 41710 | Transmission. |
| 32984B | 7 ft. length of flexible shaft. |
| 36682B | 7 ft. length of flexible shaft housing. |
| 22610B | One-tenth speed wet angle spindle. |
| 22976 | Cup shaped grinding wheel. |
| 2668 | 3 gal. gravity flow water tank, with 25 ft. of hose. |



Wire brushing



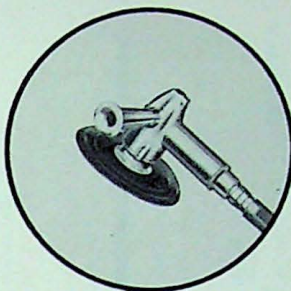
Grinding



Sanding

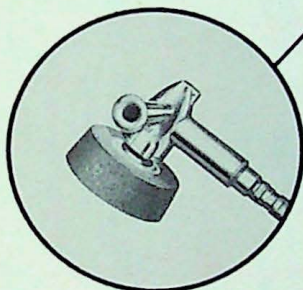
SANDING DISC

Refinishes wood and metal surfaces. Cleans rust, corrosion and caked cement from forms.



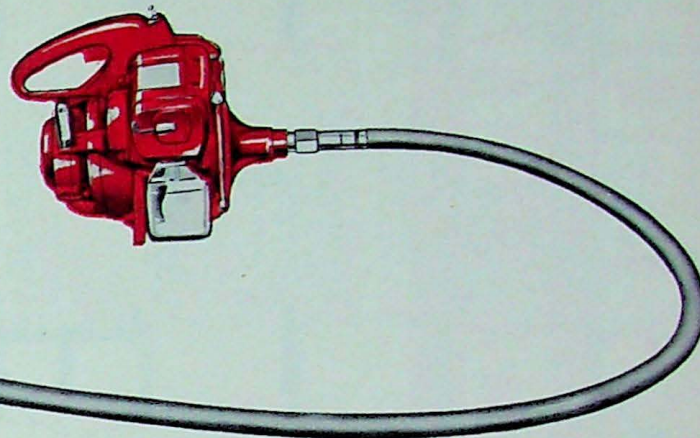
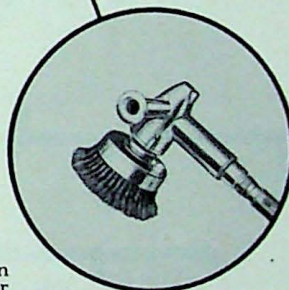
GRINDING WHEEL

Sharpens plow blades, etc. Removes rust and corrosion. Grinds weld marks.



WIRE BRUSH

Removes the most stubborn rust and scale. Ideal for concrete equipment.



HERE'S HOW TO ORDER

Power Unit and Flexible Shaft Consists of:

- 2MG Gasoline engine
- 41710 Transmission
- 32984B 7 ft. flexible shaft
- 36682B 7 ft. flexible shaft housing

Grinding Attachment Consists of:

- 6310B Full speed straight spindle (also used with wire brush)
- 2173B 6" edge type grinding wheel
- 21698 6" grinding wheel guard

Sanding Attachment Consists of:

- 30811B Full speed dry angle spindle
- 6141B 7" hard rubber sanding pad
- 2507 Assortment of ten 7" abrasive discs

Wire Brushing Attachment Consists of:

- 6310B Full speed straight spindle (also used with grinding wheel)
- 1941A 4 1/2" edge type wire brush

CUT YOUR EQUIPMENT COSTS IN HALF!

There's no need to buy separate power units for the above mentioned jobs. Low cost attachments quickly fit on the MALL 2MG gasoline engine, transmission and flexible shaft used on the MALL Concrete Surfer at left. After your original investment, your attachment costs are a fraction of the costs of single purpose power units. You can cut your equipment costs in half or less. The engine, transmission, flexible shaft and attachments can be purchased separately. See the chart at right for full ordering details.

HOW TO ASSEMBLE ATTACHMENTS

The attachments fit onto the flexible shaft and housing. The flexible shaft and housing connect to the transmission, which is fastened to the engine.

THIS ENGINE WILL ALSO OPERATE ALL OF THE ATTACHMENTS SHOWN ON CHART ON FOLLOWING PAGES.

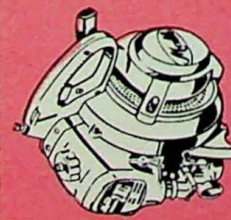
THESE FAMOUS *Mall* GASOLINE ENGINES POWER OVER A DOZEN ATTACHMENTS

CUT THE COST OF GASOLINE POWER TOOLS IN HALF

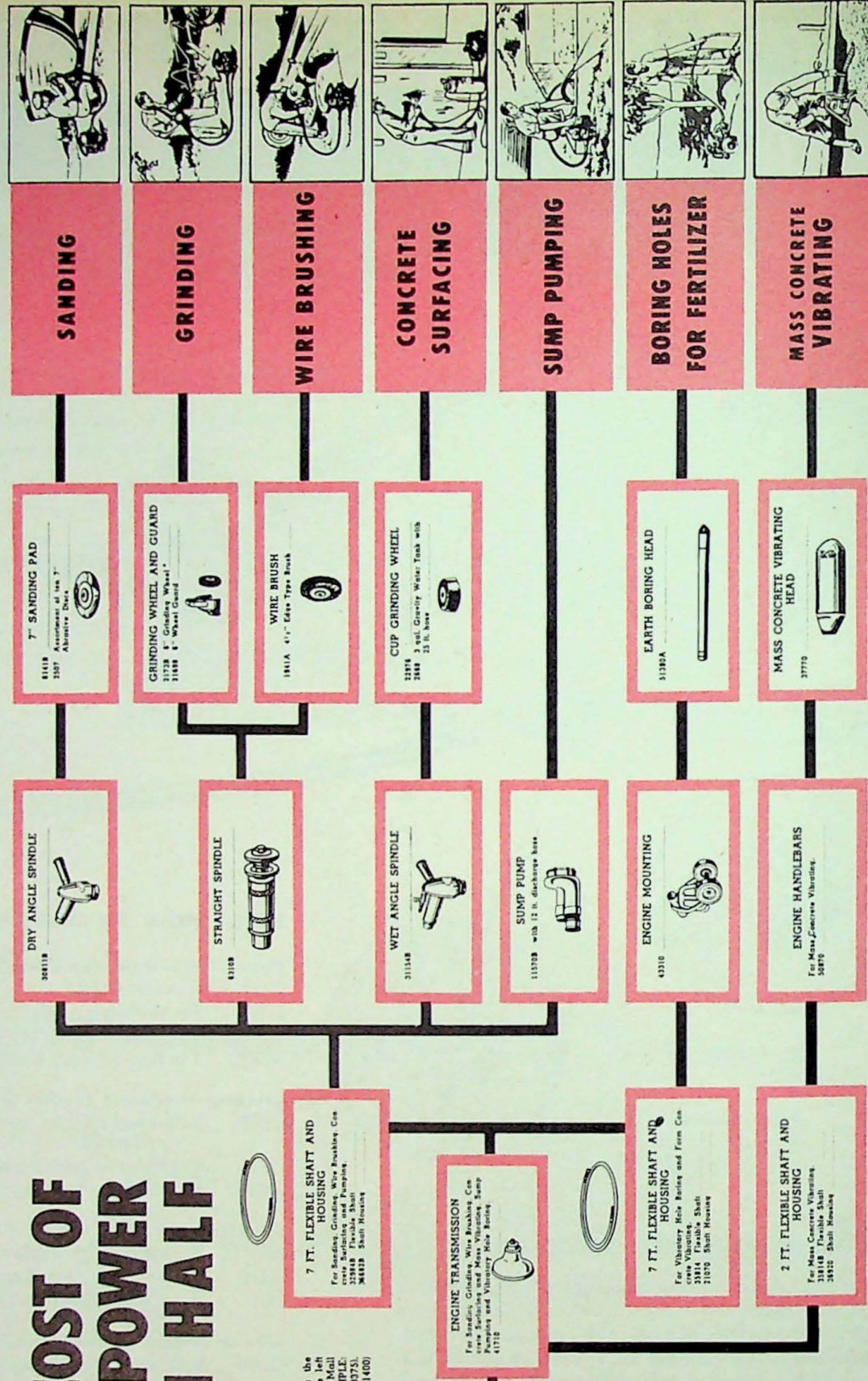
HOW TO USE CHART

Choose your particular application as illustrated in the photographs on the right. Follow the solid line to the left showing necessary accessories needed to adapt the Mall 2MG or 1MG engine for this particular application. EXAMPLE: For Earth Drilling you will need an Earth Auger (40375), engine handle bar (41700) and engine transmission (41400) with the Mall 2MG or 1MG Engine.

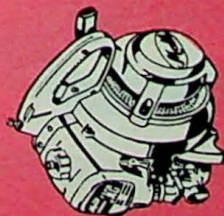
2MG ENGINE
5 1/2 BRAKE HORSEPOWER



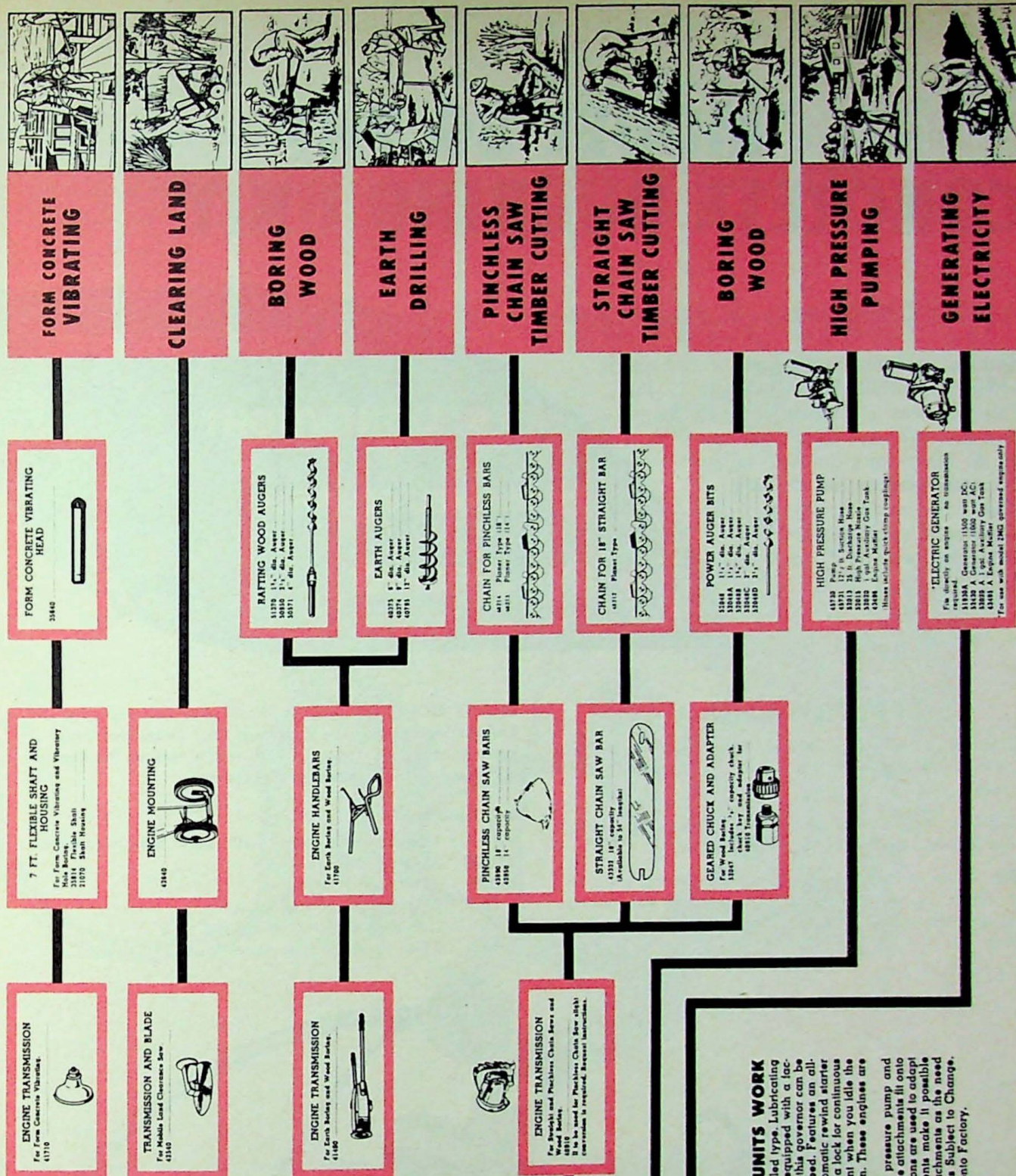
ENGINE ONLY



1MG ENGINE 3 1/2 BRAKE HORSEPOWER



ENGINE ONLY



HERE'S HOW MALL MULTI-PURPOSE UNITS WORK
Engines are the single cylinder, 2 cycle air-cooled type. Lubricating oil is mixed with the gasoline. The Model 2MG engine is equipped with a flywheel governor that maintains correct operating speed—the governor can be manually reset if desired to achieve faster or slower speed. Features an all-weather dual and moistureproof ignition system, quick automatic rewired starter and fingertip power control. The throttle is equipped with a lock for continuous operation. The automatic clutch disengages the attachment when you idle the engine—preventing stalling and promoting safer operation. These engines are extremely lightweight and can be carried in one hand.
ATTACHMENTS: All of the attachments (except the high pressure pump and electric generator) require specific engine transmissions. The attachments fit onto the specified transmissions. Note that most of the transmissions are used to adapt more than one attachment to the engine. MALL attachments make it possible to keep your original investment at rock bottom. Add attachments as the need arises or as your budget permits. Prices and Specifications Subject to Change.
All Prices F.O.B. Chicago Factory, In Canada F.O.B. Toronto Factory.

Mall MODEL 8G 2HP CONCRETE RUBBING UNIT

Here is the ideal lightweight, 2 h.p., gasoline-engine-driven surfacing machine for fast, efficient work on foundations, viaducts, bridges, etc. . . . for maximum maneuverability in tough spots . . . for maximum power . . . delivered by the MALL 2 h.p., air-cooled, variable speed engine to operator's hands. (Also powers attachments for drilling, sanding, concrete vibrating, wire brushing, grinding and pumping. See page 48.

● **SELF-POWERED**

● **LIGHTWEIGHT**

● **MANEUVERABLE**

● **AND EFFICIENT**

SPECIFICATIONS

ENGINE: 2 h.p. air-cooled, variable speed, gasoline engine from 1200 to 3200 r.p.m. Direct drive, 2 qt. fuel tank. 1½ pt. oil case.

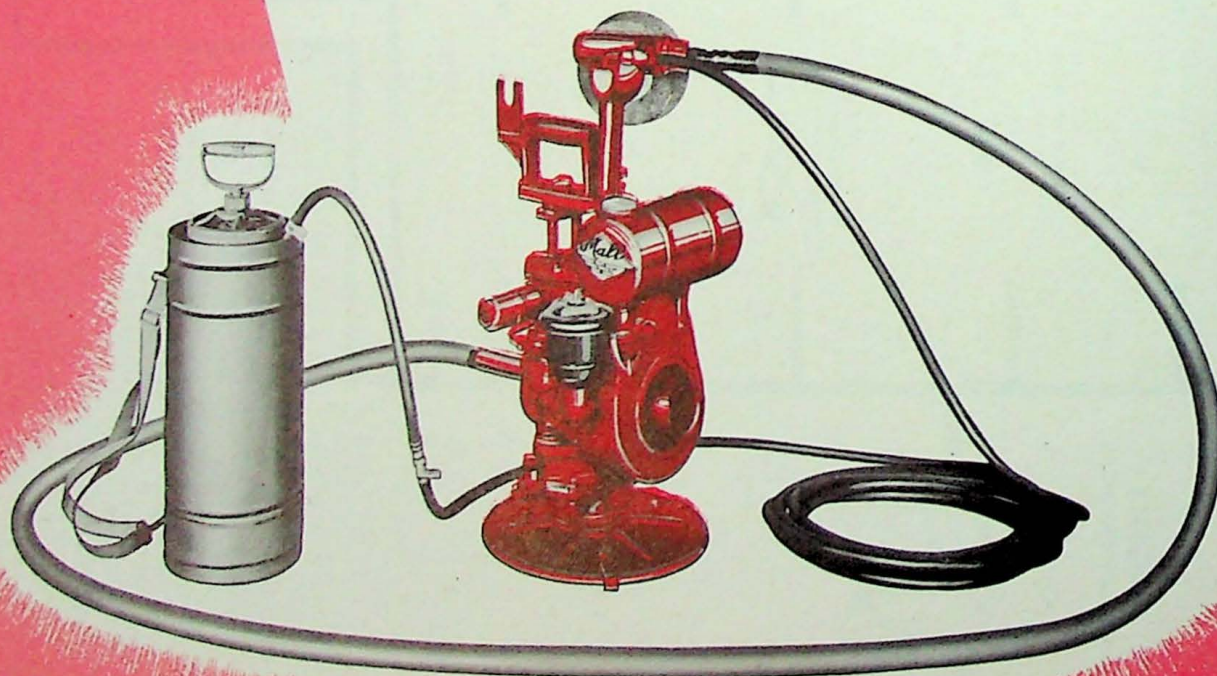
MOUNTING: Anti-creep, round, 360° swivel base with carrying handle, wrench and spindle bracket.

SHAFT: Made of high carbon steel wire wound solid to center. Shaft ends are constructed of hardened alloy steel. Special shaft threading permits both vertical and horizontal operation.

SHAFT HOUSING: MALL continuous bearing type for greatest operating ease and long life. Imbedded ends to prevent snagging. Covered with tough rubber for protection from dirt, oil, grease and abrasion.

Unit Consists of—

8G	2 h.p. gasoline engine with round base mounting
32952B	12 ft. flexible shaft
7320B	12 ft. shaft housing
22610B	1/10 speed wet angle spindle
22972	Cup shaped grinding wheel 6" x 2"
7550	2 Gal. pressure type water tank



MODEL 14G RUBBING UNIT WITH 7 FT. SHAFT

Consists of:

- 14G 5 hp. engine with round base mounting.
- 32984B 7 ft. flexible shaft.
- 36682B 7 ft. shaft housing.
- 31154B $\frac{1}{4}$ speed wet angle spindle.
- 22972 Cup shaped grinding wheel—6" x 2".
- 2668 3 Gal. gravity flow water tank with 25 ft. hose.

ADDITIONAL 7-FT. SHAFT AND HOUSING SECTION

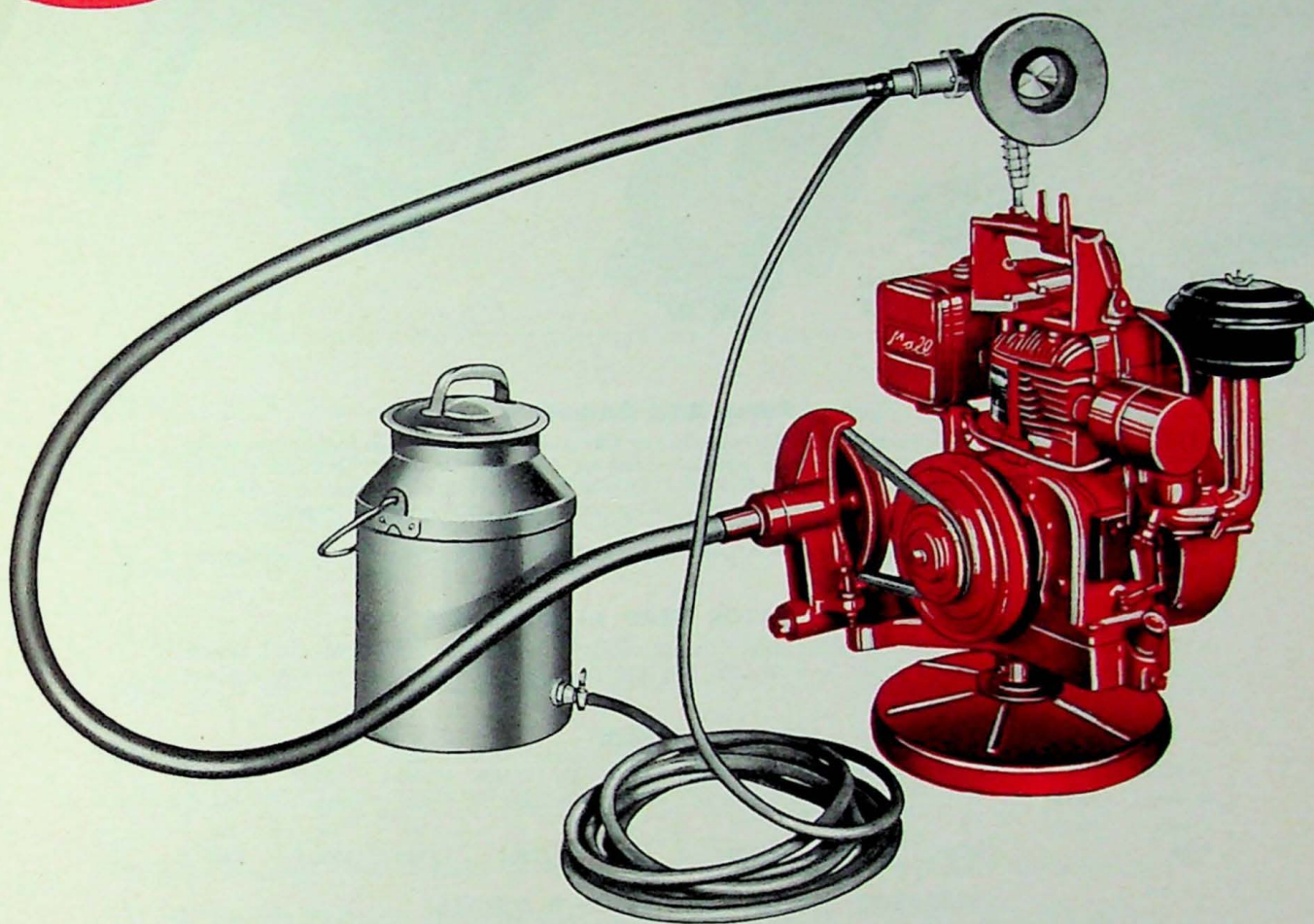
Consists of:

- 35814 7 ft. flexible shaft.
- 21070 7 ft. shaft housing.
- 35820 Ball bearing coupling for shaft sections.

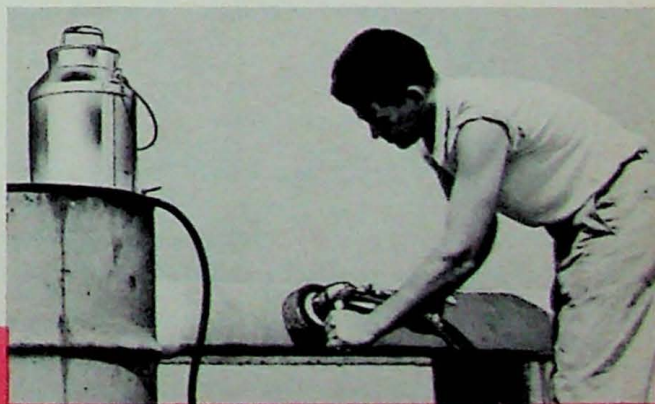
Other attachments are shown on page 48.



MODEL 14G 5HP. CONCRETE RUBBING UNIT

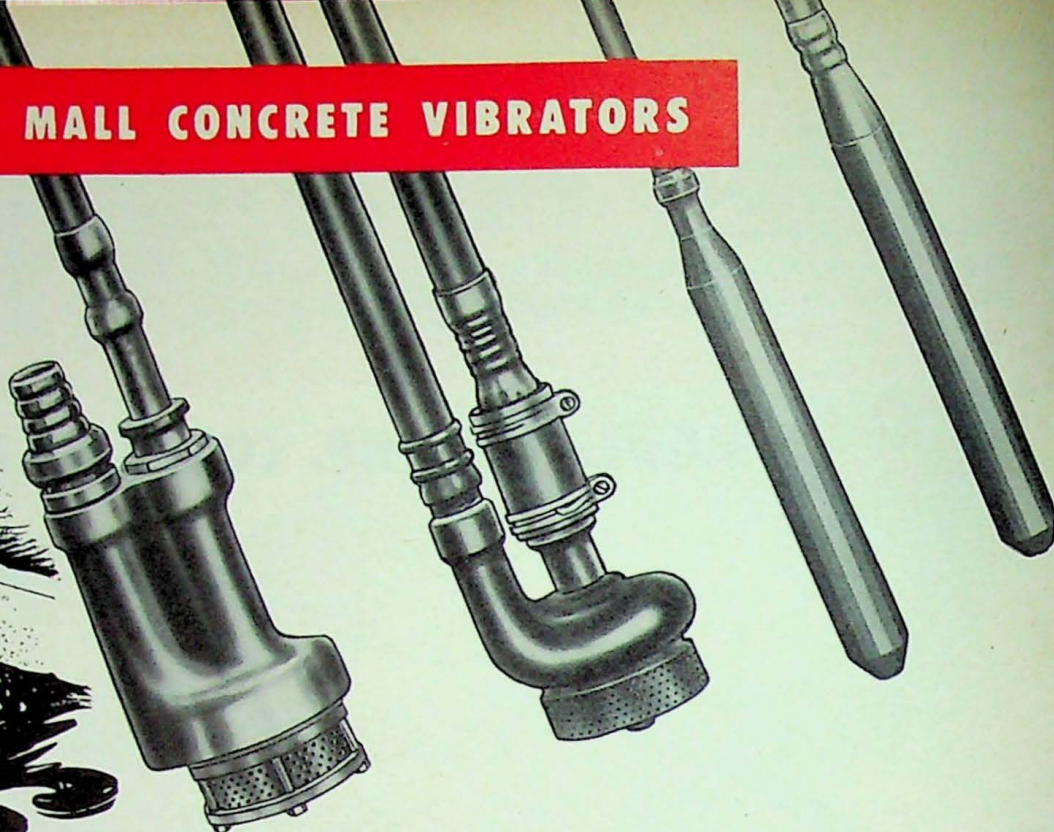
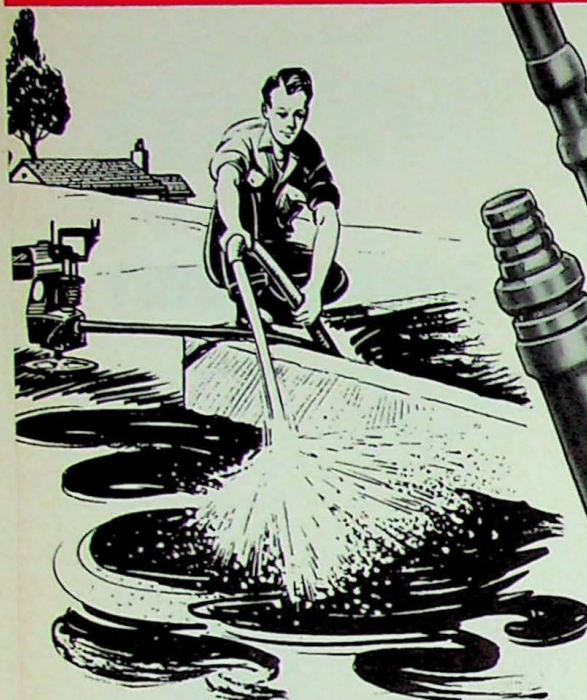


For heavy-duty surfacing and rubbing of concrete, or high speed grinding of dry concrete, this Powerful MALL 5 h.p. unit is unsurpassed. Its air-cooled variable speed gasoline engine has an air and gasoline cleaner, adjustable speed governor and compression release for easier starting. Countershaft drive plus fractional speed spindle gives as low as 120 rpm. for low speed wet grinding and 2200 to 3200 rpm. for high speed form sanding, etc. Engine swivels a full 360° on round base.



Surface finishing with Model 8G concrete rubbing unit.

ATTACHMENTS FOR MALL CONCRETE VIBRATORS



Sump Pump Attachments

Increase the usefulness of your MALL 5 H.P. gasoline engine power unit with this fast action sump pump. Ideal for pumping out excavations, sumps, caissons, tunnels, trenches. Pumps muddy water, oil or sewage with equal efficiency. Has 4500 gallons per hour capacity against a 25-foot head when operating off a 5 H.P. power unit. Has self-priming and non-clogging impellor.

9720-P Pump with 3½-ft. of shaft and housing.

53533 Pump for use with 2 H.P. gasoline engine unit. Capacity of 1500 gallons per hour against a 10-ft. head.

NEW TYPE VIBRATOR HEAD ATTACHMENTS

All MALL vibrator heads are hardened steel, multiple ball and roller bearing constructed. Shells and tips are made of special metals to withstand the severe abrasive action which takes place during operation.

VIBRATOR HEADS

NUMBER.....	35500 (V12)	35630 (V17)	35640 (V23)	35650 (V32)	19910A	19510A	11690E	18700E
Diameter...inches	1¼	1⅞	2⅞	3¼	2⅞	1⅞	2⅞	1⅞
Length...inches	12	12	12	12	20	20	14	20
RPM.....	10000	10000	10000	10000	7500	7500	3200	3200

VIBRATOR FLEXIBLE HOUSINGS & SHAFTS

HEAD	SIZE No.	LENGTH	HOUSING No.	SHAFT No.
V17, V23, V32 19510E, 19910E	4	7 Ft.	21070	35814
	4	14 Ft.	21070A	35814A
	4	2 Ft.	21070B	35814B
V12	4	7 Ft.	36410	35814
	4	14 Ft.	36410A	35814A
	4	2 Ft.	36410B	35814B
19910A	4	7 Ft.	19540P	35814
19510A	4	7 Ft.	19170P	35814
11690E	35	12 Ft.	11711	32952B
18700E	35	12 Ft.	18700B	32952B

FULL BALL BEARING MOUNTED COUPLINGS

35820 for connecting new shafts (35814) and housings (21070).

22990 for connecting new shafts (35814) and housings (21070) to older style shafts (22999) and housings (19170 & 19540A).

36550 for connecting older style shafts (7297 & 9666) and housings (8497 & 9665) to new style shafts (35814) and housings (21070).

36550S for connecting older style square end shafts (18201 & 22999) and housings

(18202 rubber — 22030 vinyl — 19660 rubber — 22020 vinyl) — to new style shafts (35814) and housings (21070).

8850 for connecting older style shafts (7297) and housings (8497).

8850S for connecting square end shafts (9666) and housings (9665).

Use 30771 adapter and 36269 extension for connecting older style motors to new type shafts (35814) and housings (21070).

Mall**SAW CHAIN**

MALL Saw Chain is the finest you can buy . . . and here's why:

MALL Saw Chain has $\frac{1}{3}$ more cutting shank than ordinary chain. You get *more* sharpenings per chain.

MALL Saw Chain is sharpened twice—before and after chrome plating. Ordinary chain is sharpened only once.

MALL Saw Chain is supported in the front and back. This eliminates whipping up if the chain should break. Links bend down towards the bar only.

MALL Saw Chain has a long-life angle. It's easier to file. And, less metal is removed per sharpening which give you longer chain life.

Special MALL rivet design treatment and assembly makes MALL Saw Chain the strongest you can buy. MALL rivets, electrically-hardened and tested by exclusive MALL process, can take tremendous shock loads without shearing.

MALL Saw Chain is the most economical you can buy. It costs less than any other saw chain on the market.

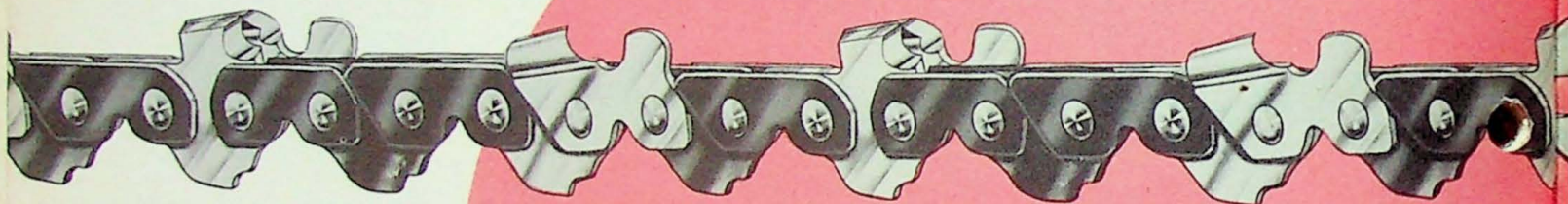
MALL Saw Chain can be used on all makes of chain saws when they are equipped with MALL Conversion Sprockets. Available in ready-cut lengths for all MALL Chain Saws. Your MALL Dealer can make up chain into exact lengths to fit any other make saw from his reel of bulk saw chain.

REPLACEMENT CHAIN

FOR **Mall** CHAIN SAWS-

NEW

"DOUBLE-CUTTER" TYPE



IMPROVED



PLANNER SAW CHAIN

This is another MALL first . . . the first and only saw chain ever developed that actually cuts with true low-friction "planing" action . . . smoother, faster and freer! Its revolutionary double-cutter design gives this chain exceptional double strength . . . also double-cutting, self-dumping, non-clogging planer-action that speeds cutting and so reduces frictional wear on chain (and bar) that this MALL chain's efficient cutting life is far longer than that of any chain ever developed before.

This ONE type of MALL chain is not only suitable for felling and bucking all sizes of timber and all kinds of

wood, hard, soft and frozen, but . . . because its double cutters have no raised, protruding unsupported cutting-edges to break . . . this improved planer chain, puts an end to an all too common cause of chain breakage when cutting very hard and frozen woods. Over-all chrome guarantees longest possible life for cutting edges—so chain *stays sharp longer!* The extra long, double cutters last through many more sharpenings . . . need sharpening less frequently . . . and are without doubt the easiest to sharpen of any saw chain cutters ever designed.

		STANDARD CHAIN FOR MODELS 4MG, 11E, 2E, 1P, 2P							
3/8 PITCH .060 Tang	Part No.	48230	48231	48232	48233	48234			
	Capacity	12"	15"	18"	24"	30"			
	Overall Length	40.5"	45.0"	49.5"	63.0"	76.5"			
9/16 PITCH .060 Tang	Reels No.	48235	48235L	48236					
	Reels Length	100'	50'	Assortment					
		STANDARD CHAIN FOR MODELS 0MG, 1MG, 2MG, 3MG, 3E, 6P AND 11							
9/16 PITCH .077 Tang	Part No.	48210	48211	48212	48213	48214	48215	48216	48217
	Capacity	12"	15"	18"	24"	30"	36"	42"	54"
	Overall Length	40.5"	45.0"	49.5"	63.0"	76.5"	90.0"	99.0"	126.0"
9/16 PITCH .077 Tang	Reels No.	48218	48218L	48219					
	Reels Length	100'	50'	Assortment					
		STANDARD CHAIN FOR MODEL 5MG							
3/4 PITCH .077 Tang	Part No.	48250	48251	48252	48253	48254	48255	48256	48257
	Capacity (Red Nose)	24"		30"	36"	42"			54"
	Capacity (Idler)		18"	24"		36"	36"	48"	48"
3/4 PITCH .077 Tang	Overall Length	63.0"	64.5"	76.5"	90.0"	99.0"	100.0"	124.0"	126.0"
	Part No.	48258	48259	48261					
	Capacity (Red Nose)	66"		78"					
3/4 PITCH .077 Tang	Capacity (Idler)	60"	72"	72"					
	Overall Length	148.0"	171.0"	172.0"					
	Reels No.	48260	48260L	48262					
3/4 PITCH .077 Tang	Reels Length	100'	50'	Assortment					

SPECIFICATIONS SUBJECT TO CHANGE



SILAGE CHAIN

The first chain of its kind for cutting frozen trench silage. Cuts swift and smooth, leaving no ragged edges. Available in cut lengths shown below for use on MALL Chain Saws—and in 100-ft. bulk reels to be cut to length for other popular make chain saws. See bulk chain and conversion sprocket charts on pages 52-53.

9/16-inch

Pitch—	Part No.	41180	41181	41182
.060 Tang	Capacity	12"	18"	24"
(Chrome Plated)	Overall length	39"	49"	63"

9/16-inch

Pitch—	Part No.	41185	41186	41187
.077 Tang	Capacity	18"	24"	30"
(Chrome Plated)	Overall Length	49"	63"	76"



STANDARD CHAIN

All-around scratcher type chain. Well adapted for felling and bucking all varieties of wood. Hardened chrome plated cutting teeth have twice the life of conventional unchromed chains. Easy to reset and sharpen. Available in 100-ft.-bulk reels to be cut to length for other make saws. See bulk chain and conversion sprocket charts on pages 52-53.

9/16-inch

Pitch	Part No.	41129	41130	41131	41132	41133
11/32-in. Kerf—	Capacity	12"	18"	24"	30"	42"
.060 Tang (Chrome Plated)	Overall Length	40"	49"	63"	76"	99"

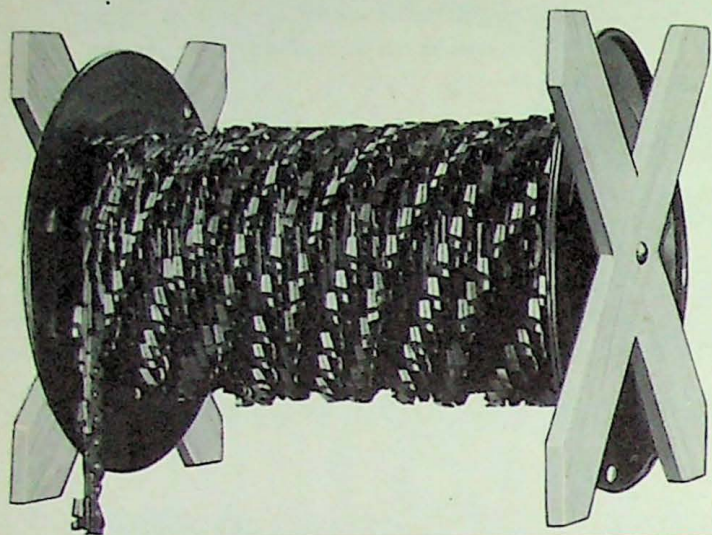
9/16-inch

Pitch	Part No.	41140	41141	41142	41798	41143
3/8-inch Kerf—	Capacity	18"	24"	30"	36"	42"
.077 Tang (Chrome Plated)	Overall Length	49"	63"	76"	90"	99"

3/4-inch
Pitch

3/8-inch Kerf—	Part No.	28410	28420	28430	41799	28440	40691	28450	28460	28470	28480
.077 Tang (Round Nose)	Capacity	24"	30"		36"		54"	66"			
(Chrome Plated)	Capacity (Idler)	18"	24"	36"		48"		60"	72"	84"	96"
	Overall Length	64"	76"	100"	90"	124"	126"	148"	172"	196"	220"

MALL BULK CHAIN FOR



ALL

POPULAR

SAWS

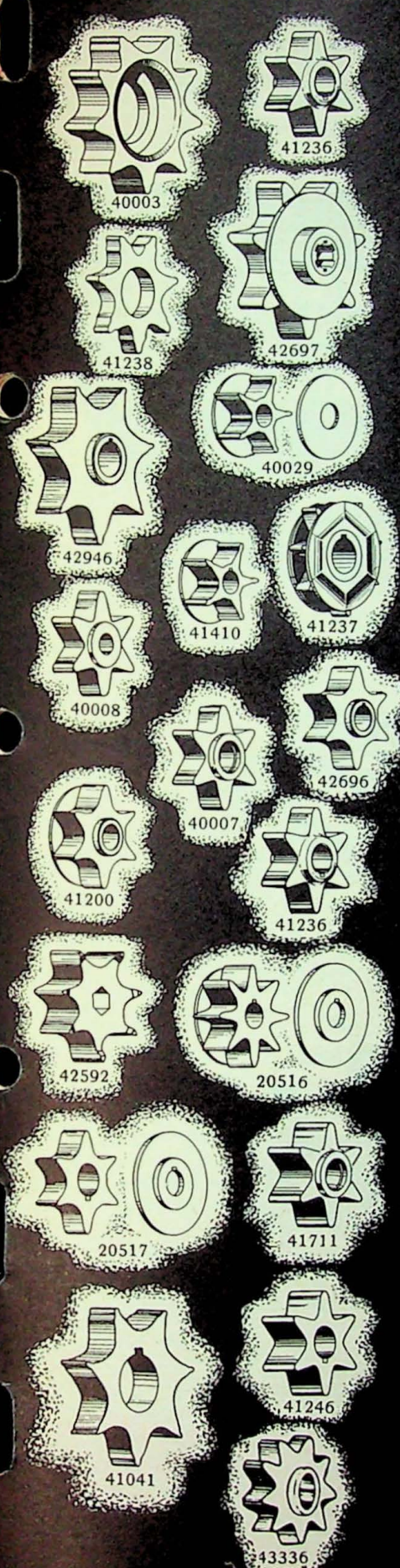
Buy MALL Saw Chain in bulk 50 ft. and 100 ft. reels. You'll save money and have new chain on hand for any length bar. MALL Bulk Chain enables you to cut exact lengths to fit all popular makes of saws. Each reel is designed to make complete chains, in any length, without missing cutting teeth. This bulk chain has

the same high quality and fine craftsmanship as MALL ready-cut boxed chain. All MALL Bulk Chain is chrome plated. Reels are made for easy installation in the shop or field for fast on-the-spot chain making. Each reel of chain is furnished with bags of repair parts—links, rivets, cutters, rakers and spacers.

If you use Chain in large quantities the Reel is your best deal

MALL CHAIN TYPE	Pitch	Tang	Kerf	100 ft. Reel No.	50 ft. Reel No.
Improved Planer	3/8"	.060	1/4"	48235	48235L
Improved Planer	9/16"	.060	11/32"	48248	48248L
Improved Planer	9/16"	.077	11/32"	48218	48218L
Improved Planer	3/4"	.077	7/16"	48260	48260L
Standard	9/16"	.060	11/32"	41138	41138L
Standard	9/16"	.077	3/8"	41148	41148L
Standard	3/4"	.077	3/8"	41169	41169L
Silage	9/16"	.060		41178	41178CL
Silage	9/16"	.077		41179	41179CL

Specifications subject to change.



MAKE CHAIN SAW	Use Sprocket Number	With Chain Pitch	With Tang Width	Number of Teeth
Bolen	43336	3/8"	.060	7
Bolen	41236	1/4"	.060	6
Blue Grass	43336	3/8"	.060	7
Blue Grass	41236	1/4"	.060	6
Chief	43336	3/8"	.060	7
Chief	41236	1/4"	.060	6
Clinton, CS-323, CS-424, CS-525	43336	3/8"	.060	7
Clinton, CS-323, CS-424, CS-525	41236	1/4"	.060	6
Disston D0100 (Slotted Bar)	40003	1/4"	.060	9
Disston D0100 (30" Light Convertible Bar)	40003	1/4"	.077	9
Disston D0211	42697	3/4"	.077	7
Farmcrest	43336	3/8"	.060	7
Farmcrest	41236	1/4"	.060	6
Homelite 17	42993	3/8"	.060	7
Homelite 17	42994	1/4"	.060	6
Homelite 4 H.P.	41237	1/4"	.060	7
	(Slipper Sprocket Assembly)			
Homelite 4 H.P.	41238	1/4"	.060	7
	(Slipper Sprocket Only)			
Homelite 5-30	42946	1/4"	.077	7
I.E.L. Pioneer Single	40008	1/4"	.060	6
I.E.L. Pioneer Single	40029	1/4"	.060	5
	(L.H. Threaded Sprockets)			
I.E.L. Pioneer Single	41410	1/4"	.060	5
	(Keyed Sprocket)			
I.E.L. Pioneer Twin	40007	1/4"	.060	6
	(Keyed Sprocket)			
I.E.L. Pioneer Super Twin	42696	3/4"	.077	6
Lancaster Model 318	43327	1/4"	.060	6
Lombard 3-16	41200	1/4"	.060	6
	(1/2—13 L.H. Thread)			
Lombard 3-16	43350	1/4"	.060	6
	(10 Spline Sprocket)			
Lombard 4 and 42	42592	1/4"	.060	7
Luther	43336	3/8"	.060	7
Luther	41236	1/4"	.060	6
McCulloch 33	43329	3/8"	.060	9
	(Keyed Sprocket)			
McCulloch 33	42998	1/4"	.060	6
	(Single Keyed Sprocket)			
McCulloch 3-25, 4-30 & 47	43336	3/8"	.060	9
McCulloch 3-25, 4-30 & 47	41236	1/4"	.060	6
McCulloch 5-49, 7-55 & 99	20516	1/4"	.077	8
McCulloch 5-49, 7-55 & 99	20517	3/4"	.077	6
Poulan	41041	3/4"	.077	7
Sears Roebuck	41711	1/4"	.060	6
David Bradley 355	41711	1/4"	.060	6
Strunk	41711	1/4"	.060	6
Titan 40 and 60	41246	1/4"	.060	6
Weber (Choremaster)	43336	3/8"	.060	7
Weber (Choremaster)	41236	1/4"	.060	6



CHAIN SAW

ACCESSORIES

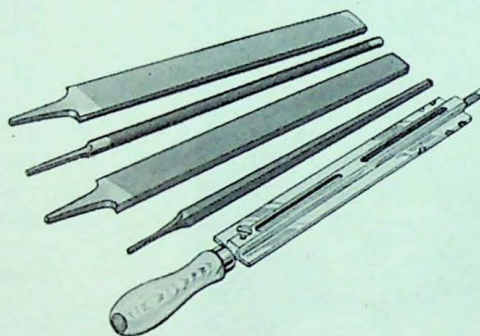
SAW CHAIN

SHARPENING AND

MAINTENANCE EQUIPMENT

HAND FILES

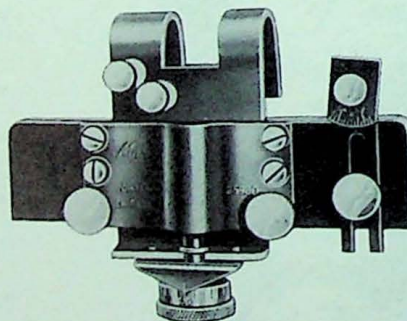
- 26255 8" Flat, 2 round edges—for all MALL Standard Chain.
- 40542 8" Round, $\frac{1}{4}$ " dia.—for $\frac{9}{16}$ " pitch MALL Improved Planer Chain.
- 41727 8" Round—for $\frac{3}{8}$ " pitch improved MALL Planer Chain.
- 35678 8" Flat, sq. edge—for $\frac{9}{16}$ " pitch MALL Square Chisel Chain.
- 37631 6" Lozenge—for $\frac{3}{4}$ " pitch MALL Square Chisel Chain.
- 43340 File holder guide assembly.



No. 25980

CHAIN JOINTER

Fits directly on the bar and the chain is drawn through. An entire length of chain can be serviced in a fraction of the time of hand methods. A calibrated knob checks height of teeth for jointing. The angle gauge insures correct cutting angle on all teeth. Four kerf knobs check proper kerf of teeth. All guesswork is eliminated. The MALL Jointer is furnished with a kerf setting tool—just insert the chain into the tool and bend the proper kerf.



SHARPENING DEPTH GAUGE

Measures correct depth gauge height on chain so that you can file the depth gauges evenly and accurately. Place gauge solidly on top of cutters so that chain depth gauges rise through slotted tip. File gauges with flat file to correct, uniform height. Available in two sizes:

48535—for hardwood chain. Adjusts cutters for minimum bite—.025 to .035 height.

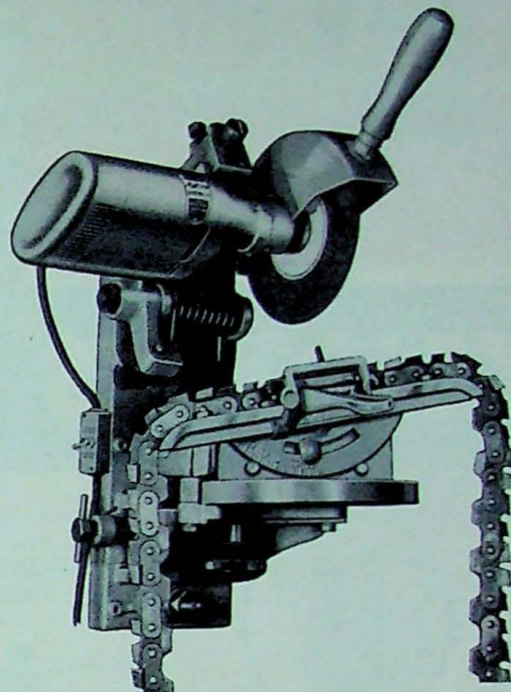
48536—for softwood chain. Adjusts cutters for maximum bite—.035 to .045 height.



No. 19720

ELECTRIC CHAIN SHARPENER

Highly portable . . . easily sets up in shop or field. Attach to a wall, table or tree. Takes but little experience to turn out expertly sharpened chains in a few moments. The grinding wheel and guides adjust to accommodate a large variety of chains. Chain holder base is adjustable and marked in degrees for swift, accurate grinding of all cutter and raker faces. Also regulates for grinding depth—to give the proper top angle. Clamp spring holds chain securely in place—chain is drawn across slotted guide. Powered by universal motor for 115 volt AC-DC., 25 to 60 cycle. 230 volt motor also available. Runs on ball bearings, equipped with dust seals. Gears are totally enclosed and run in liquid oil. Sharpener comes complete with two edge type grinding wheels . . . can be equipped with other type wheels for tool and blade sharpening. Requires 330 watt portable generator.



MODEL EG-180

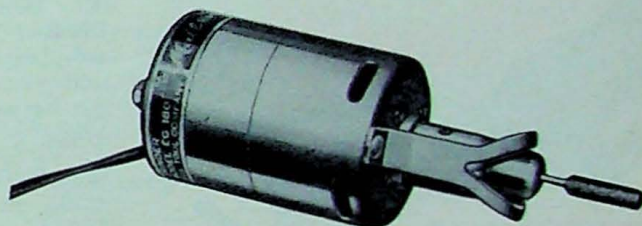
HIGH SPEED ELECTRIC GRINDER

Includes: Electric Motor, Allen Wrench, Rubber Cord, Switch and Adapter for $\frac{1}{8}$ " Cap. Shank. It's goodbye to tedious, slow hand filing when you get this new MALL Grinder. And, of course, with high speed 24,000 rpm. power, you'll get a much more effective job of grinding with a lot less "elbow grease." Just a few seconds where it used to take minutes.

Ideal for putting quick, keen edges on saw chain, wedges, chisels and other blades. Compact and lightweight—weighs only 28 ounces.

Available Accessories for Grinder:

40963 Grinding Wheel, .25 Dia. x 1" long—.125 Dia. Shank.
43753 Grinding Wheel, .19 Dia. x 1" long—.125 Dia. Shank.



No. 52070

CHAIN BREAKER

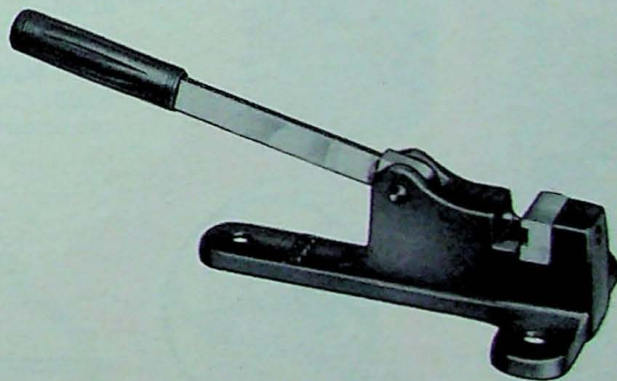
New, fast, safe, easy way to separate chain links. Use on MALL and all other make chain. Place chain in breaker block, line up rivet with punch, and push down handle to punch out rivet. The Breaker is furnished with block for $\frac{9}{16}$ " pitch chain.

52070 Chain Breaker with block for $\frac{9}{16}$ " pitch chain

52067 Replacement punch (use with all blocks)

52061 Block for $\frac{3}{8}$ " pitch chain.

52063 Block for $\frac{3}{4}$ " pitch chain.



MALL CHAIN SAW ACCESSORIES



Handlebars increase reach in hard to get places.

(A) AUXILIARY GASOLINE TANK

52020—3 gallon tank for MALL 1MG and 2MG Engines. Screws into opening for gas filler cap on the engine.

(B) TAILSTOCK HANDLE

30038—fits MALL round nose bars to convert MALL Chain Saws for two man operation. Easily attached.

(C) GASOLINE CONTAINER

15539—2½ gallon container with non-spill flexible spout and air-plunger cap. Plunger must be released before the gasoline will pour.

(D) GASOLINE CAN

43396—1 gallon can with flexible spout.

(E) ENGINE MUFFLER KIT

43495—fits MALL 2MG gasoline engine when used with the MALL GP-2 Pump. Puts the "hush" on engine roar.

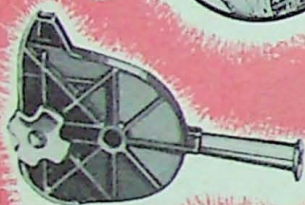
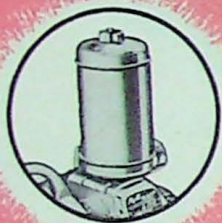
43496—fits MALL 2MG gasoline engine when used with the MALL 1MD Generator. Attaches in a jiffy.

(F) ENGINE HANDLEBARS

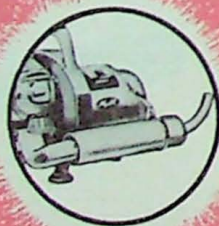
41700—for MALL 1MG and 2MG gasoline engine chain saws. No holes to bore. Comes complete with bolts.

(G) MANUAL OILER FOR 11E SERIES ELECTRIC SAWS

52450—Gentle thumb pressure oil both chain and guide bar. No can to carry. No chance to forget. You control amount.



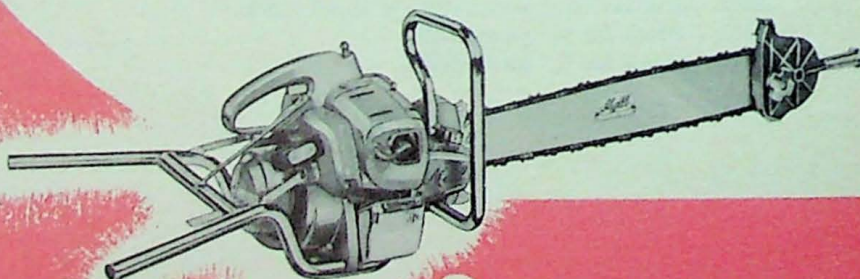
(C)



(E)



(G)



(F)



Quick-clamp ring disconnects engines from bar in seconds . . . a safety feature.

(A) SELF-SPRAY RED ENAMEL

50529—12 ounce can of rematch paint for MALL gasoline engines and tools. A high-gloss enamel that dries dust-free in 10 minutes. Covers approximately 90 sq. ft. of prepared surface. Also ideal for tractors, outside furniture, toys, etc.

(B) TWO CYCLE ENGINE OIL

48412—Highly refined, non-detergent SAE 30 oil processed specifically for two cycle gasoline engines. Adds life, increases efficiency of any two cycle gasoline engine—for chain saws, outboard motors, motor bikes, etc. This oil is also ideal for use in automatic chain oilers.

(C) TRANSMISSION LUBRICANT

30599—large tube of special grease for transmissions on MALL gasoline engine equipment, MALL electric and pneumatic chain saws.

(D) QUICK-CLAMP RING

42888—for MALL 1MG and 2MG gasoline engine, 6P pneumatic and 34E electric chain saws. Disconnects bar and transmission from the power unit with a quick flip of a lever. This split-second action is an important safety feature when cutting in large wood in hilly terrain when there is danger of the saw being hit by a miscalculated falling tree. The engine can be removed in an instant although the bar may be wedged in the cut. Also a new convenience feature for connecting the many MALL attachments to these power units.

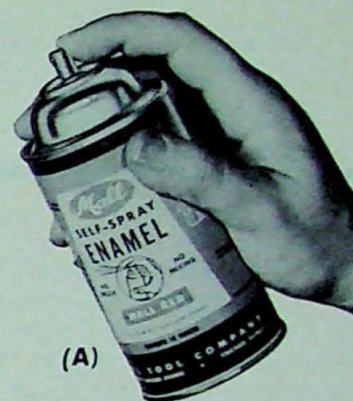
(E) 4 TO 1 GEAR RATIO TRANSMISSION

40920—for MALL 1MG and 2MG gasoline engine chain saws. Recommended for use with cutting bars exceeding 36" lengths. Permits chain to function more efficiently on long bars. Use with 9/16" pitch chain only.

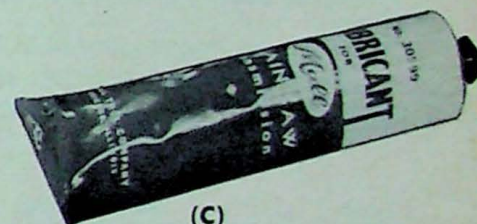
41808A—transmission for 3/4" pitch chain only.

(F) WEDGE

50319—sturdy, lightweight aluminum alloy wedge.



(A)



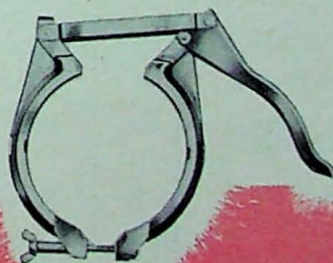
(C)



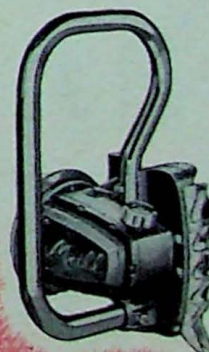
(B)



(F)



(D)

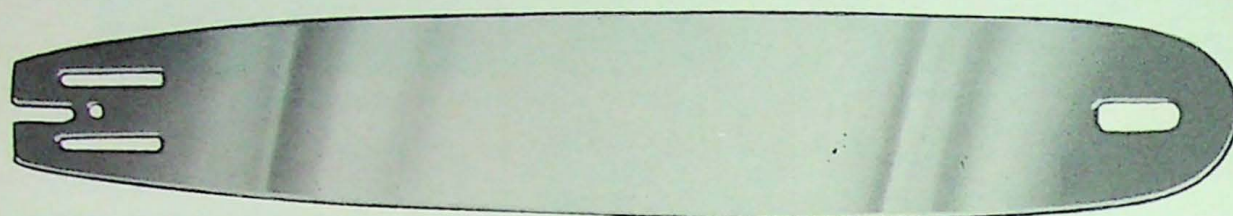


(E)



STANDARD BARS

SPRINGY — TOUGH — WEAR RESISTANT — HARD EDGE — SOLID STEEL



Each MALL Bar is made from one, single, solid piece of chrome-molly spring steel. (NOT from three thin laminated plates, held together by brittle, breakable welds.) For a superior bar must be *springy* and *tough* to withstand wear, tear and accidental bendings, just as it must have *hardened edges* for extra long resistance to wear.

The springy toughness of MALL solid steel bars . . . and the wear-resistant hardness of their edges result from exclusive MALL heat-treating

processes that require the most costly, modern heat-treating equipment.

Likewise . . . because maximum efficiency in chain saw performance requires bars of all-over, accurately uniform thickness with positively parallel edges . . . each MALL bar is surface ground on both sides, and also shaped and grooved for chain travel by precision milling machines. This assures that smooth, uniform cutting action for which MALL Chain Saws are famous.

BAR SIZE INCHES	BAR No.	FOR CHAIN PITCH	FOR CHAIN TANG	BAR FITS SAW No.
12	43320	3/8"	.060	OMG12
12	43330	1/2"	.077	OMG12
14	42980	1/2"	.077	OMGP14
14	42950	1/2"	.077	1MGP14, 2MGP14
15	43321	3/8"	.060	OMG15
15	43331	1/2"	.077	OMG15
15	43321F	3/8"	.060	4MG15
18	43332	1/2"	.077	OMG18, 1MG18
		1/2"	.077	2MG18, 3MG18
18	43322	3/8"	.060	OMG18
		1/2"	.060	1MG18, 2MG18
18	43322F	3/8"	.060	4MG18
18	43890	1/2"	.077	1MGP18, 2MGP18
24	43333	1/2"	.077	OMG24, 1MG24, 2MG24, 3MG24,
24	43323	3/8"	.060	OMG24
		1/2"	.060	1MG24, 2MG24
24	43323F	3/8"	.060	4MG24
24	43742	3/4"	.077	5MG24

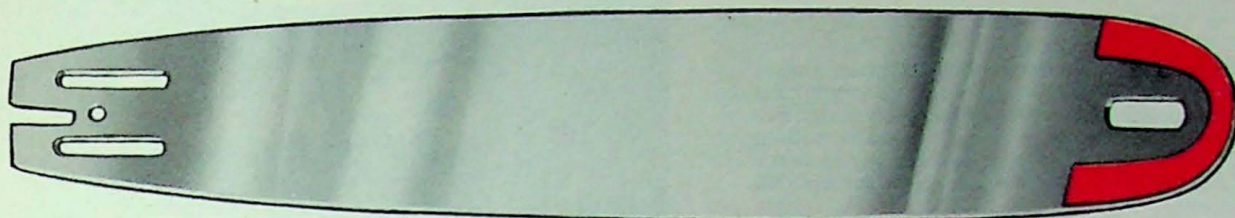
BAR SIZE INCHES	BAR No.	FOR CHAIN PITCH	FOR CHAIN TANG	BAR FITS SAW No.
30	43730	1/2"	.077	OMG30, 1MG30, 2MG30, 3MG30
30	43324	3/8"	.060	OMG30
		1/2"	.060	1MG30, 2MG30
36	43731	1/2"	.077	OMG36, 1MG36, 2MG36, 3MG36
		3/4"	.077	2MG36
36	43743	3/4"	.077	5MG36
42	43732	1/2"	.077	OMG42, 1MG42, 2MG42, 3MG42
		3/4"	.077	2MG42
48	43744	3/4"	.077	5MG48
54	43733	1/2"	.077	2MG54, 3MG54
		3/4"	.077	2MG54
60	43745	3/4"	.077	5MG60
72	43746	3/4"	.077	5MG72

Mall

RED NOSE BARS

Red nose bars are MALL high-quality, standard, solid steel bars plus an added feature that amazingly multiplies their resistance to wear . . . so that *one* Red Nose Bar will outlast as many as *five* ordinary saw bars. The added feature is the fusing of a chrome-steel alloy of diamond-hard smoothness to the surface of the bar's already

hardened and grooved edge. This so reduces friction from the revolving chain that wear is practically eliminated. Also, because reduced friction means less heat, the nose of a Red Nose Bar does not heat as readily as that of a plain bar. Their 4 to 5 times longer life makes it an economy to use Red Nose Bars.



BAR SIZE INCHES	BAR No.	FOR CHAIN PITCH	FOR CHAIN TANG	BAR FITS SAW No.
12	43320F	3/8"	.060	0MG12
12	43330F	1/2"	.077	0MG12
15	43321F	3/8"	.060	0MG15
15	43331F	1/2"	.077	0MG15
15	43321F	3/8"	.060	4MG15
18	43332F	1/2"	.077	0MG18, 1MG18
18	43322F	3/8"	.060	2MG18, 3MG18
18	43322F	1/2"	.077	0MG18
18	43322F	3/8"	.060	1MG18, 2MG18
18	43322F	1/2"	.077	4MG18
24	43333F	1/2"	.077	0MG24, 1MG24, 2MG24, 3MG24
24	43323F	3/8"	.060	0MG24
24	43323F	1/2"	.077	1MG24, 2MG24
24	43323F	3/8"	.060	4MG24

BAR SIZE INCHES	BAR No.	FOR CHAIN PITCH	FOR CHAIN TANG	BAR FITS SAW No.
30	43730F	1/2"	.077	0MG30, 1MG30, 2MG30, 3MG30
30	43324F	3/8"	.060	0MG30
30	43324F	1/2"	.077	1MG30, 2MG30
36	43731F	1/2"	.077	0MG36, 1MG36, 2MG36, 3MG36
36	43731F	3/4"	.077	2MG36
42	43732F	1/2"	.077	0MG42, 1MG42, 2MG42, 3MG42
42	43732F	3/4"	.077	2MG42
54	43733F	1/2"	.077	2MG54, 3MG54
54	43733F	3/4"	.077	2MG54

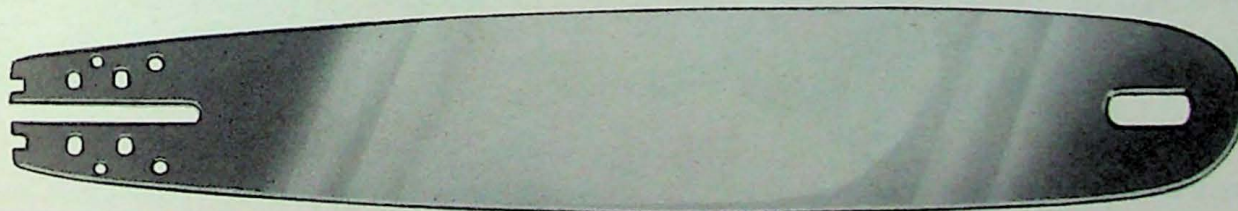
Mall

REPLACEMENT BARS

For Other Than Mall Saws

You can now offer superior MALL Replacement Bars to owners of all the chain saws listed in chart below. They are of the same high quality as MALL standard bars. They are available with rails for .058 width tang chain and for .077 width

chain . . . in standard lengths from 15 to 36 inches. All are interchangeable with all of the saws listed in chart below . . . but **THEY WILL NOT FIT MALL CHAIN SAWS.**



MALL REPLACEMENT BARS FIT ALL THESE SAWS:

Bolens	Lombard 3, 3A, 3B, 3 1/2 D, 5, 5A, 35
C-B Tool	Luther
Choremaster	McCulloch 3-25, 4-30, 47
Clinton	Porter-Cable 110 & 130
David Bradley	Reed-Prentice Bantam
Fleetwood	Silver King
Hoffco	Skarie
Homelite 17	Strunk P3, PD3
Lancaster	Terrill
Lmco	Titan 40 & 60

MALL REPLACEMENT BARS

No.	LENGTH	SLOT
43341	15"	.060
43342	18"	.060
43343	24"	.060
43344	30"	.060
43761	15"	.080
43762	18"	.080
43763	24"	.080
43764	30"	.080
43765	36"	.080

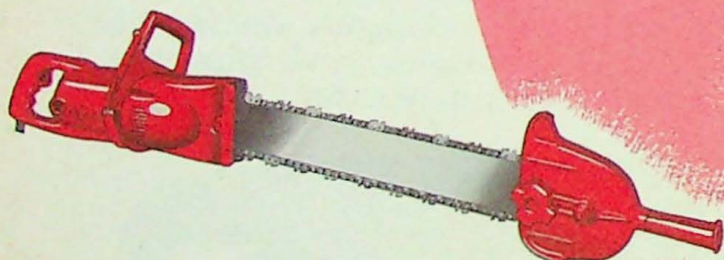
Specifications Subject to Change



MODEL 11E12D DELUXE ELECTRIC. This smallest, easiest to handle, efficient chain saw . . . with top handle that swivels for all positions and toothed bumper . . . 12" bar capacity for felling trees up to 24 inch diameter, cutting cordwood, limbing, pruning, etc. Ball bearing motor is Universal AC-DC, 25 to 60 cycle, 115 volt, 9 ampere; 220 volt 4.2 ampere.



MODEL 11E12 STANDARD ELECTRIC. Identical with 11E12 de luxe (above) except that this model has stationary top handle and smooth bumper. Has same 12" bar capacity for felling up to 24" trees, etc., and to operate up to 200 feet from power source with extension cords. Outcuts ten men with hand saws.



MODEL 11E18 SMOOTH CUT ELECTRIC. First chain saw designed exclusively for construction work. Special (18 inch) bar and narrow kerf chain enable a two man crew to cut heavy building timbers with extreme speed and accuracy. Also excellent for cutting sharp angles for jointing beams. Operates off standard house current or generator.



MODEL 11E18D DE LUXE ELECTRIC. Lightweight! More value features for nurserymen, farmers, estate owners than many costlier electric saws. Top handle swivels 360°. Powerful motor operates off standard house current or generator. Safety Overload Switch—to prevent motor "burn-ups". New, Thumb-Pressure Oiler gives saw keener cut, longer life. (Same oiler attachment, No. 52450, available for 11E18 Standard, 11E18 Smooth Cut, 11E12 De Luxe and 11E12 Standard.)

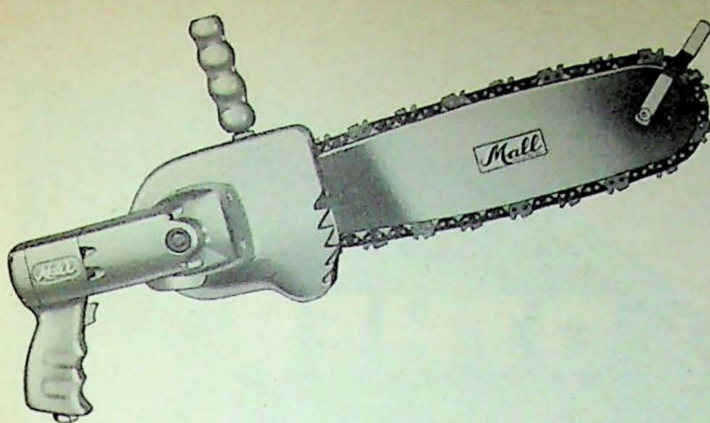
OTHER



CHAIN SAWS

HERE'S WHY MALL'S YOUR BEST BUY

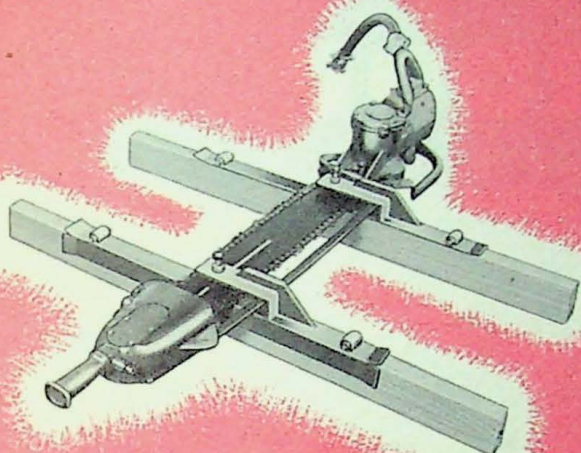
Each MALL saw is "designed in the field" by qualified saw experts with features suggested by builders, lumbermen, carpenters, etc., then thoroughly job-tested to meet the highest standards in each field of use. MALL electric chain saws feature: sure-grip handles; lightweight aluminum, magnesium housings; built-in trigger switch; "powered-up" universal motor; precision ball and needle bearings and gears. MALL pneumatic saws, with like superior features, are powered by four vane rotary motors, have trigger throttle with safety lock.



MODEL 1P PNEUMATIC. Lightweight saw for builders, landscapers, nurserymen, arborists and miners. Its 12 inch bar handles 24 inch dia. timber. Designed for easy one hand operation with fingertip throttle control. Weighs only 8¼ pounds. Has chain tensioner and toothed bumper. Abundant power. Recommended where electric or gasoline power is hazardous.

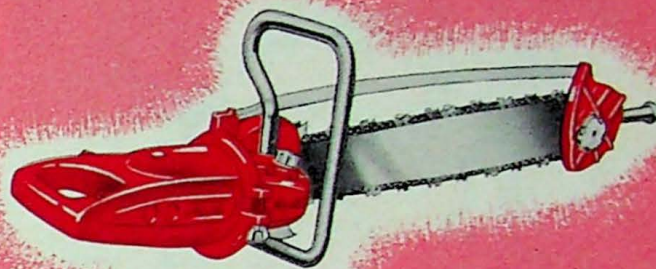


MODEL 2P PNEUMATIC. Heavy duty industrial saw with power to handle most heavy timbers. Used in above and underground construction work. Built solid, but lightweight for one man operation—using 18, 24 and 30 inch bars, all lengths interchangeable. Operates from either portable or truck mounted air compressor. Air motor has automatic oiler—no line oilers required.

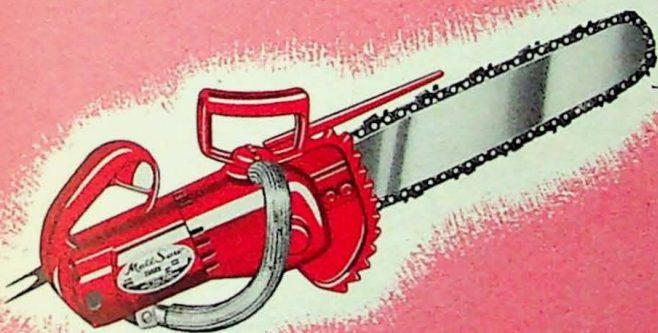


No. 29750

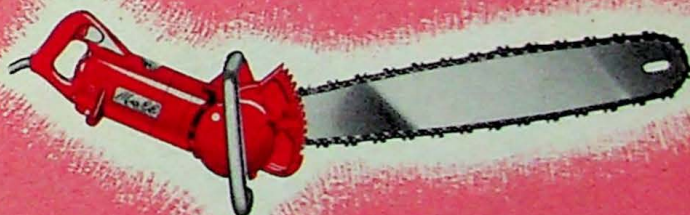
PILING CUTTING GUIDE. For making even, uniform cut-offs on bridge, wharf, pier and dock pilings, MALL Cutting Guides ride on 2" x 4" planks nailed alongside of pilings at height pilings are to be cut off. Two man crew rolls it along these wood "rails" and cuts off each piling smoothly to exact specified height. Fits MALL 6P and other Mall Pneumatic Electric and Gasoline Chain Saws.



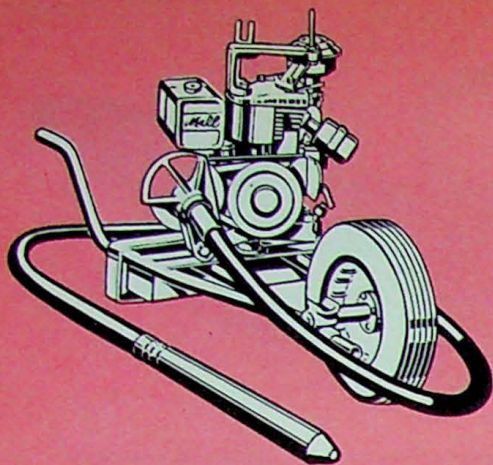
MODEL 6P PNEUMATIC. Heavy duty saw, widely used for cutting piling, large building timbers, mine supports and timbers in tunnels and caissons. With exhaust extension, operates under water. Lightweight aluminum design resists rust and corrosion. Bar capacities are 24, 30, 36 and 42 inches. Motor, 4 vane rotary type, operates on precision ball bearings, and has built-in automatic oiler. Trigger throttle has safety lock that must be unlatched before motor will start. Top cutting bar has safety guard. Helper's handle is removable.



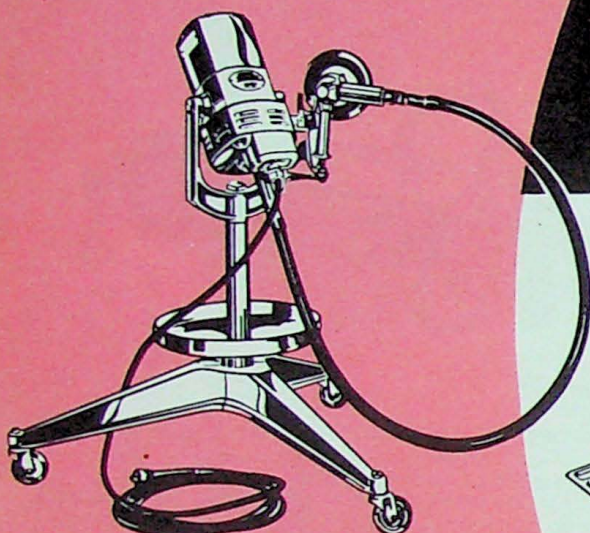
MODEL 2E ELECTRIC. Widely used for cutting heavy timbers, beams, supports, and for clearing land, this saw is also popular for tree maintenance, farm cutting and production work. With bar sizes 18 and 24 inches, cuts 36 and 48 inch dia. timber by making cuts from both sides. Built-in trigger switch. Top handle swivels.



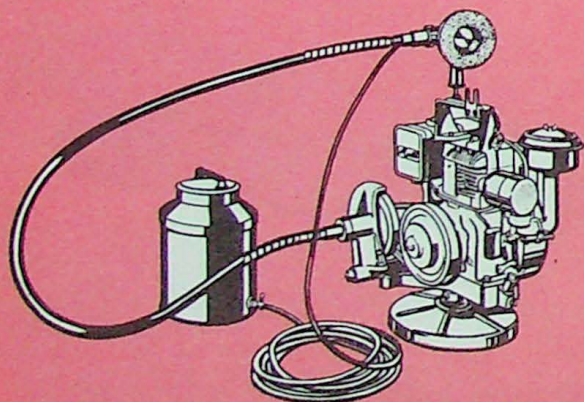
MODEL 3E ELECTRIC. Perfect for arborist and wood lot! "Angle" design allows bucking logs with no propping for final cut, and ample room for hand when cutting close to ground. Takes 24" and 36" bars. Fells trees to 72" dia. using 2 cuts. Adapts for 2-man operation with tailstock handle (furnished). Operates on standard house current or generator.



MALL HIGH-FREQUENCY CON-
CRETE VIBRATORS range from 1 hp.
to 5 hp., develop 7,000 to 10,000 vibra-
tions per minute, quickly place many
cubic yards of mix.



There's a MALL Flexible Shaft
Machine for every grinding, drilling,
buffing, sanding or polishing job.
Variety of motors and spindles give
speeds from 850 to 7000 rpm.

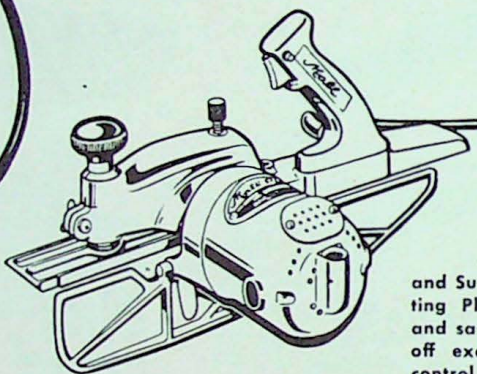


MALL supplies Portable Concrete
Rubbing and Surfacing Units, both
electric and gasoline engine types, in
varied and variable speeds from 120
to 3600 rpm.

OTHER

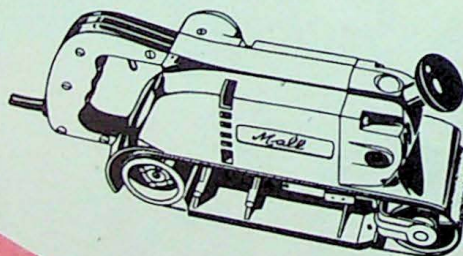


PRODUCTS



MALL Portable, Electric, Door
and Surface Finishing and Window Fit-
ting Planes speed up door, transom
and sash fitting operations, etc. Shave
off exact amounts with hairbreadth
control.

For extra fine satin smooth sur-
faces on wood and metal panels, sills,
doors, tables, etc., use MALL Electric
Belt and Orbit Sanders. Efficient, de-
pendable, economical!

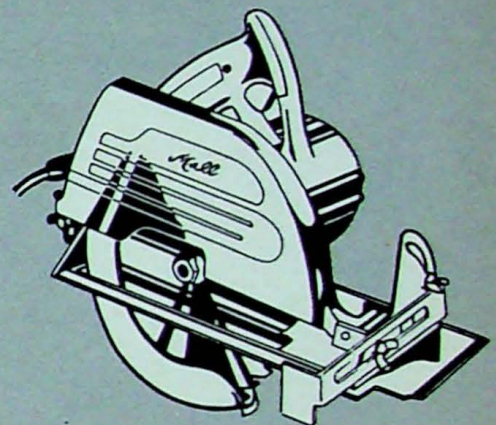


FREE

Completely up to date MALL catalogs are always available without cost . . . see your dealer, Mall Branch, or write factory.



For every industrial or home shop use from heavy duty building to production line assembly, installation and maintenance, there's a MALL electric or pneumatic precision drill.



Portable Electric MALL Saws for economy, cutting capacity and maneuverability are unmatched in the circular saw field. There's a MALL Saw for every purpose.

MALL Electric and Pneumatic Impact Wrenches with man-sized pistol grips and trigger switches bring power to spare to even the heaviest industrial applications. Reversible motors.



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 DETROIT 13, MICHIGAN.....8635 Gratiot Avenue
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 7740 SOUTH CHICAGO AVENUE, CHICAGO 19, ILLINOIS